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1904-05

MORNINGSIDE COLLEGE BULLETIN

VOL. V.

MAY, 1905

No. 1

Catalogue 1904-1905



Entered Dec. 30, 1901, at Sioux City, Iowa,
as Second Class Matter under Act of Con-
gress, July, 16, 1894.

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COLLEGE CALENDAR.

1905.

June	15.	Commencement	Thursday
June	19.	Summer Term begins	Monday
July	28.	Summer Term ends	.....	Friday
Sept.	12.	Fall Term begins	.....	Tuesday
Sept. 12-13.		Registration.....	Tuesday and Wednesday	
Sept.	16.	Reception of Christian Associations...	.....	Saturday
Sept.	17.	Matriculation Sermon	.....	Sunday
Sept.	22.	Faculty Reception	.....	Friday
Oct.	20.	Oratorical Contest	.....	Friday
Nov.	18.	Atheneum Public	.....	Saturday
Nov. 23-27.		Thanksgiving Recess..	Thursday to Monday	
Dec.	12.	Conservatory Concert	.....	Tuesday
Dec.	15.	Winter Recess begins	.....	Friday noon

1906.

Jan.	2.	Winter Term begins	.....	Tuesday
Jan.	2-3.	Registration.....	Tuesday and Wednesday	
Jan.	25.	Day of Prayer for Colleges.....	Thursday	
Feb.	10.	Zetalethean Public	.....	Saturday
Feb.	22.	Washington's Birthday	.....	Thursday
Mar.	5.	Othonian Public	.....	Monday
Mar.	20.	Conservatory Concert	.....	Tuesday
Mar.	23.	Spring Recess begins	.....	Friday noon
April	2.	Spring Term begins	.....	Monday noon
April	2-3.	Registration.....	Monday and Tuesday	
April	16.	Philomathean Public	Monday
May	30.	Memorial Day	Wednesday

MORNINGSIDE COLLEGE.

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|------|-----|--|---------------------|
| June | 7. | Graduating Exercises of Normal Department | Thursday |
| June | 9. | Graduating Exercises of the Department of Elocution..... | Saturday evening |
| June | 10. | Baccalaureate Address...Sunday forenoon | |
| June | 10. | Address before Christian Associations | Sunday afternoon |
| June | 10. | Annual Sermon.....Sunday evening | |
| June | 11. | Graduating Exercises of the Academy | Monday evening |
| June | 12. | Meeting of Board of Trustees..... | |
|  |  | ..... | Tuesday forenoon |
| June | 12. | Class Day Exercises....Tuesday afternoon | |
| June | 12. | Graduating Exercises of Conservatory | Tuesday evening |
| June | 13. | Farewell Chapel Service..... | |
|  |  | ..... | Wednesday morning |
| June | 13. | Alumni Meeting.....Wednesday forenoon | |
| June | 13. | Reunion of Collegiate Societies..... | |
|  |  | ..... | Wednesday afternoon |
| June | 13. | Annual Lecture.....Wednesday evening | |
| June | 14. | Commencement | Thursday |
| June | 18. | Fifth Summer Term begins..... | Monday |

BOARD OF TRUSTEES.

Term Expires 1905.

Rev. J. W. Southwell.....	Ida Grove
Rev. Walter Torbett.....	Sac City
Rev. Hugh Hay.....	Sioux City
L. J. Haskins.....	Sioux City
Scott M. Ladd.....	Des Moines
Rev. J. W. Lothian.....	Fort Dodge
Rev. G. W. Pratt, L. L. D.....	LeMars
C. W. Toothaker.....	Sheldon
Rev. H. G. Pittinger, A. M.....	Mapleton
C. W. Payne.....	West Side
Rev. O. K. Maynard.....	Algona
C. D. Killam.....	Sioux City

Term Expires 1906.

Rev. W. T. MacDonald.....	Sioux City
*H. L. Warner.....	Sioux City
Rev. J. B. Trimble, D. D.....	Sioux City
J. P. Negus.....	Sioux City
Rev. G. W. Carr.....	Sioux City
Rev. Bennett Mitchell, D. D.....	Sioux City
J. Metcalf	Paullina
Craig L. Wright.....	Sioux City
Rev. E. S. Johnson.....	Rock Rapids
J. C. Lockin.....	Aurelia

*Deceased.

MORNINGSIDE COLLEGE.

Term Expires 1907.

Isaac Garmoe.....	Fort Dodge
H. B. Pierce.....	Rock Rapids
Hon. J. P. Dolliver.....	Fort Dodge
O. W. Towner.....	Sioux City
Rev. Robert Smylie, D. D.....	Sioux City
Rev. D. A. McBurney.....	Manson
Rev. George C. Fort.....	Fort Dodge
J. G. Shumaker.....	Sioux City
Hon. P. A. Sawyer.....	Sioux City
F. H. Skewis.....	Inwood
N. R. Hathaway.....	Sioux City
E. A. Morling.....	Emmetsburg
D. Montgomery	Ireton
W. R. Jameson.....	Clarion

OFFICERS AND COMMITTEES OF THE BOARD OF
TRUSTEES.

Rev. Bennett Mitchell, D. D.....	President
Craig L. Wright.....	Vice-President
George L. Search.....	Secretary
Rev. J. B. Trimble, D. D.....	Assistant Secretary
L. J. Haskins.....	Treasurer
J. G. Shumaker.....	Auditor

Executive Committee.

Scott M. Ladd, Craig L. Wright, Rev. J. B. Trimble, D. D., J. G. Shumaker, L. J. Haskins, J. C. Lockin, O. W. Towner.

Faculty Committee.

P. A. Sawyer, Rev. Robert Smylie, Craig L. Wright.

Finance Committee.

John Metcalf, J. C. Lockin, C. D. Killam.

CONFERENCE EXAMINERS.

Term Expires 1905.

Rev. H. W. L. Mahood.....	Pomeroy
Rev. W. A. Black.....	Ida Grove
Rev. Alfred James	Hardy

Term Expires 1906.

Rev. W. B. Empey.....	Merrill
Rev. O. M. Bond.....	Aurelia
Rev. T. S. Bassett.....	Sheldon

Term Expires 1907.

Rev. W. J. Carr.....	Storm Lake
Rev. S. R. Beatty.....	Emmetsburg
Rev. G. W. Southwell.....	Eagle Grove
Rev. E. E. Gilbert.....	Ireton

OFFICERS OF THE ALUMNI ASSOCIATION.

Sidney L. Chandler, '99.....	President
E. M. Corbett, '94.....	Vice-President
Jennie Skewis, '01.....	Recording Secretary
Anna Marsh Reinhart, '01....	Corresponding Sec'y
H. A. Keck, '01.....	Treasurer

FACULTY.

Professors.

WILSON SEELEY LEWIS, A. M., D. D.,
PRESIDENT,

Professor of Christian Ethics.

Student St. Lawrence University, 1875-1881; A. B., Cornell College, 1889; A. M., *ibid.*, 1892; D. D., Upper Iowa University, 1895; Travel and study in Europe, 1896; Principal Public Schools, Center Point, Iowa, 1881-3; Superintendent City Schools, Belle Plaine, Iowa, 1883-5; Ministerial work, 1885-8; Principal of Epworth Seminary, 1888-97; President, Morningside College, 1897--.

HERBERT GRANT CAMPBELL, A. M.,
VICE-PRESIDENT,

Professor of Philosophy.

Ph. B., Cornell College, 1896; Assistant Principal of Epworth Seminary, 1896-7; Pastor at Akron and Sheldon, Iowa, 1897-1901; Graduate student, Columbia University, 1901-3; Scholar in Philosophy, *ibid.*, 1901-2; A. M., *ibid.*, 1902; Union Theological Seminary, 1902-3; Professor of Philosophy and Vice President, Morningside College, 1904—.

LILLIAN ENGLISH DIMMITT, A. M.,
Professor of Latin.

A. B., Illinois Wesleyan University, 1888; A. M., *ibid.*, 1890; Graduate Student, University of Chicago, Summer Quarters, 1894 and 1897; Student in the American School of Classical Studies, Rome, 1903-4; Instructor in English, Illinois Wesleyan University, 1888-90; Instructor in Greek and Latin, Morningside College, 1894-7; Professor of Latin, *ibid.*, 1897—.

HELEN ISABELLA LOVELAND, A. B.,

Professor of English Literature.

A. B., Smith College, 1889; Student, Oxford University, England, 1902-3; Instructor in History and English, Epworth Seminary, 1892-5; Professor of Modern Languages, Upper Iowa University, 1896-7; Professor of English Language and Literature, Morningside College, 1897-1902; Professor of English Literature, *ibid.*, 1902—.

ROBERT BRADFORD WYLIE, PH. D.,

Professor of Biology.

Sc. B., Upper Iowa University, 1897; Graduate Student, University of Minnesota, Summer, 1898; Graduate Student, University of Chicago, Summer, 1899; Fellow in Botany, *ibid.*, 1900-1, 1902-3, 1903-4; Ph. D., *ibid.*, 1904; Instructor in Natural Science, Morningside College, 1897-9; Instructor in Biology, Eastern Illinois State Normal School, Summer, 1901; Assistant in Botany, University of Chicago, Summer Quarters, 1902 and 1904; Professor of Biology, Morningside College, 1900—.

FRANK HARMON GARVER, A. B.,

Professor of History and Politics.

A. B., Upper Iowa University, 1898; Fellow in History, University of Iowa, 1901-2; Professor of History and Economics, Morningside College, 1898-1900; Professor of History and Politics, *ibid.*, 1900—.

REYNARD GREYNALD, A. M.,

Professor of French.

A. B., University of Paris, 1874; A. M., *ibid.*, 1880; Professor of Latin, Chatenu Gontre, France, 1876-8; Professor of French, Morningside College, 1896—.

EPHENOR ADRASTUS BROWN, A. M.,
Professor of Pedagogy.

A. B., DePauw University, 1884; A. M., *ibid.*, 1887; Superintendent of Schools, Woodbury County, 1894-1900, 1902-5; Professor of Mathematics and Pedagogy, Morningside College, 1900-2; Professor of Pedagogy, Morningside College, 1904—.

HENRY FREDERICK KANTHLENER, A. M.,
Professor of Greek.

A. B., Cornell College, 1896; A. M., Harvard University, 1899; Graduate Student, Harvard University, 1897-9 and 1902-3; Instructor in Latin and Greek, Epworth Seminary, 1896-7; Instructor in Latin, Wilbraham Academy, 1899-1900; Professor of Greek, Morningside College, 1900—.

FRED EMORY HAYNES, Ph. D.,
REGISTRAR,

Professor of Economics and Sociology.

A. B., Harvard University, 1889; A. M., *ibid.*, 1890; Ph. D., *ibid.*, 1891; Student, University of Berlin and Cambridge University, 1891-2; Instructor in History, University of California, 1892-5; Head of South Park Settlement, San Francisco, 1894-5; Assistant in United States History, Harvard University, 1896-7; Resident of South End House, Boston, 1895-1900; Professor of Economics and Sociology, Morningside College, 1900—.

AGNES BEVERIDGE FERGUSON, Sc. M.,
Professor of German.

Sc. B., Cornell College, 1894; Sc. M., *ibid.*, 1895; using libraries and hearing lectures, Dresden and Berlin, Summer, 1902; Graduate Student, University of Chicago, Summer, 1904; Professor of Modern Languages, Fort Worth University, 1896-7; Professor of German, Morningside College, 1901—.

ROBERT VAN HORNE, Ph. B.,

Professor of Mathematics.

Ph. B., Morningside College, 1900; Graduate Student, Johns Hopkins University, 1900-1; Instructor in Mathematics, Morningside College, 1901-2; Professor of Mathematics, *ibid.*, 1902—.

LEONARD ANDERSON BLUE, Ph. D.,

Professor of English and Biblical Literature.

Ph. B., Cornell College, 1892; Ph. M., *ibid.*, 1893; Ph. D., University of Pennsylvania, 1902; Graduate Student, University of Chicago, 1892-3; Graduate Student, University of Pennsylvania, 1900-2; Fellow, *ibid.*, 1900-1; Professor of Political and Social Sciences, Iowa Wesleyan University, 1898-1900; Professor of English, and Biblical Literature, Morningside College, 1902—.

CLARA BOOTH DAVIDSON,

Professor of Elocution.

National School of Oratory, Philadelphia, 1880-2; Professor of Elocution, Morningside College, 1899-1902, 1903—.

JUDSON WALDO MATHER,

Professor of Music and Director of the Conservatory.

WINFORD LEE LEWIS, A. M.,

Professor of Chemistry.

A. B., Stanford University, 1902; Graduate Student, University of California, Summer, 1902; Graduate Student, University of Washington, 1902-4; A. M., *ibid.*, 1904; Assistant in Chemistry, University of Washington, 1902-3; Instructor in Chemistry, *ibid.*, 1903-4; Professor of Chemistry, Morningside College, 1904—.

Instructors.

*GEORGE FRANK BARSALOU, Sc. B.,
Instructor in Normal Branches and Geology.

Sc. B., Morningside College, 1902; Instructor in Normal Branches and Geology, Morningside College, 1902—.

MILLARD FILLMORE McDOWELL, Sc. B.

Instructor in Physics.

Sc. B., Morningside College, 1903; Fellow in Physics, University of Nebraska, 1903-4; Instructor in Physics, Morningside College, 1904—.

WILLIAM ALBERT BLACKWELL,
SECRETARY OF THE FACULTY AND ASSISTANT
REGISTRAR,

Instructor in Commercial Branches.

Graduate of the Gem City Business College, 1896;
Graduate of the Western Normal School, 1896.

ELI FRANKLIN PECKUMN, Sc. B.,
Physical Director.

Sc. B., Northwestern University, 1904; Physical Director, Morningside College, 1904—.

*Resigned.

Assistants.

LON ADRIAN HAWKINS,
Assistant in Biology.

EDGAR McCOY EVERHART,
Assistant in Normal Branches.

JOHN WALDO McCARTHY,
Assistant in Chemistry.

RALPH EUGENE ROOT.
Assistant in Mathematics.

LITTA TUMBLESON,
Assistant in Normal Branches.

JESSIE PHOEBE SWEM,
Librarian.

CONSERVATORY OF MUSIC.

JUDSON WALDO MATHER,
Director and Professor of Music in the College.

Graduate of the Oberlin Conservatory, 1896; Instructor in Piano, Organ and Harmony, Cornell College, 1895-8; Organist, Union Park Church, Chicago, 1898-9; Instructor in Music, Chicago Theological Seminary, 1898-9; Professor of Music and Director of Conservatory, Yankton College, 1899-1904. Pupil of Ernst Jelliezka, Berlin, 1902; Professor of Music and Director of Conservatory, Morningside College, 1904—.

FLORENCE GERTRUDE LEWIS,
Piano and Musical History.

Graduate of the New England Conservatory of Music, 1888.

EDITH AMANDA LARSON,
Voice Culture.

Student in Chicago Music College, 1893-5; Pupil of William N. Burritt, 1901-2; Pupil of Alfred Williams, 1902.

ALICE BROWN MARSHALL,
Piano.

Pupil of A. K. Virgil, 1878-80; Pupil of Carl Retter, 1882-8; Pupil of William H. Sherwood, 1893-8.

*MYRTLE MABEL LOTHIAN,
Piano.

Pupil of Saide Knowland Coe, 1900-1; Graduate Morningside Conservatory, 1902; Pupil of Emil Liebling, 1903.

GERTRUDE F. MATHER,
Violin and Cornet.

Pupil of Charles Heydler, 1889-90; Instructor in Violin, Cornell College, 1896-8; Pupil of Adolph Weidig, 1898-9, 1904; Instructor in Violin and Cornet, Yankton College, 1899-1904; Instructor in Violin and Cornet, Morningside College, 1904—.

SARAH JANETTE LACY,
Normal Methods and Sight Singing.

Graduate of the American Institute of Normal Methods, 1898.

FAITH FOSTER WOODFORD,
Assistant in Piano.

Graduate Morningside College Conservatory, 1902; Pupil of Emil Liebling, Chicago, 1903-4.

*Absent during Spring term.

PUBLIC LECTURES, ADDRESSES AND CONCERTS
GIVEN AT THE COLLEGE SINCE THE LAST EDITION
OF THE CATALOGUE.

- President W. S. Lewis, A. M., D. D.
..... Baccalaureate Sermon
- Rev. D. G. McGurk, D. D. . Commencement Address
“*Soul Growing.*”
- Rev. Homer Stuntz, D. D. Annual Lecture
“*Missions in the Philippines.*”
- Rev. H. W. L. Mahood. The Annual Sermon
- Senator William B. Allison, L. L. D. Address
“*The Place of the Small College.*”
- Rev. W. F. Anderson, D. D. . Educational Address
- Hon. Geo. D. Perkins. Chapel Address
- Rev. C. B. Clark, D. D. Address
“*The Black Hills.*”
- Professor Isaac A. Loos, University of Iowa....
..... Chapel Address
- Professor S. H. Clark, University of Chicago....
..... Reading
“*King Lear.*”
- Mr. Emil Liebling. Pianoforte Recital
- Rev. Thomas McClary. Lecture
“*The Mission of Mirth.*”
- Rev. E. A. Steiner, Ph. D. Lecture
“*Personal Recollections of Tolstoi.*”

- Rev. W. A. Quayle, D. D. Lecture
"Jean Valjean."
- The Spiering String Quartet Chamber Concert
- Rev. R. T. Chipperfield Sermon
- Professor W. C. Wilcox, University of Iowa
..... Lecture
- "The Future Prospect for International Arbitration."
- Judge G. W. Wakefield Chapel Address
- Hon. E. H. Hubbard ... Lincoln's Birthday Address
- Rev. J. D. O. Powers
..... Washington's Birthday Address
- Bishop J. M. Thoburn, D. D. Address
"Education in India."
- Rev. F. D. Gamewell, D. D. Address
"China."
- Rev. George Heber Jones Address
"War Conditions in the Orient."
- President John F. Goucher, D. D., L. L. D. Address
"The Things That Lie Before Us."
- Rev. Don W. Nichols Address
"Education in China."
- Bishop G. W. Andrews, D. D. Address
"World Movements and Missions."
- Rev. S. Earl Taylor Address
"Young People and Missions."
- Rev. C. B. Spencer, D. D. Sermon
"Temptation of Jesus."
- Mr. O. W. Coursey Lecture
"The Philippines and Filipinos."
- Major H. M. Chittenden Address
"Pioneers."
- Rabbi Eugene Mannheimer Chapel Address
"The Two-Fold Need of the Hour."

THE NEEDS OF MORNINGSIDE COLLEGE.

First of all we need endowment. It is possible to sustain an academy or seminary on the income of tuition and fees, since the instruction given is all elementary in character and does not require the service of teachers of as extensive training as does the college, and who consequently demand much less salary. The instructor can also, quite successfully, give instruction in more than one department of learning, as, for example, Latin and History, or German and Mathematics. He can also teach a larger number of classes per day, since he is dealing with younger minds as well as with the elements of the various subjects.

The college professor, on the other hand, must receive more extensive training and must be a man of maturer years and more experience in order to do the work required by the modern college. He cannot give good instruction in more than one branch of learning. The college instructor cannot successfully give instruction in Latin and Philosophy, Biology and Chemistry, or History and German, any more than a minister of the gospel can be a successful practitioner of medicine at the same time. This, then, requires that the number of teachers must be much larger than in an academy or old time college. The laboratories, too, must be much more extensive and the libraries much larger, and as a consequence more buildings are necessary. All of these things conspire to increase the expense of

running a college. If the college should charge the student all it actually costs to give him instruction, he would have to pay double, treble or even quadruple the amount for instruction it now costs him. The college then would only be a school for the rich, and young people of small or moderate circumstances would be debarred from taking a college course.

The need of endowment for the College is evident. At present our annual expenses exceed the income by \$10,000. The income from fees and tuition must therefore be supplemented by a large number of donations in order that the institution may be kept up to its present high standard.

Other needs are a science hall, a ladies' hall and funds for the purchase of books for the library.

Forms of Bequest.

*I give and bequeath to Morningside College,
located at Sioux City, Iowa, the sum of.....
..... Dollars,
to be added to and considered a part of the General
Endowment Fund.*

*I give and bequeath to Morningside College,
located at Sioux City, Iowa, the sum of.....
..... Dollars,
to be used to endow a professorship, to be named
the..... Professorship.*

*I give and bequeath to Morningside College,
located at Sioux City, Iowa, the sum of.....
..... Dollars,
to be used for Library Fund. The interest of said
fund to be used for the purchase of books for the
library.*

GENERAL INFORMATION.

PURPOSE.

Morningside College is distinctly and positively a Christian college. It is believed that the highest scholarship is attainable only in an atmosphere of thorough Christian living and teaching. Development of mind and character is therefore the supreme purpose of the institution.

LOCATION.

The College is located in Sioux City, Woodbury County, Iowa. Sioux City is situated on the Missouri river, in one of the most healthful, prosperous and beautiful sections of the northwest; it is a city of 40,000 inhabitants, thoroughly businesslike and progressive. Railroads enter the city from different directions, making it easy of access from all parts of the country.

The immediate seat of the College is Morningside, a beautiful residence suburb three miles southeast of the business section of the city. The suburb is connected with the city by two trolley lines. Transfers are given from these lines to nearly all parts of the city. This beautiful suburban village enjoys a reputation for the moral and religious character of its citizens, as well as for their high degree of culture, which insures to students the best possible environment. The college is near enough to the business district to receive the advantages afforded by an active, modern commercial city, and yet far enough removed to be free from its distracting influences.

The homes of Morningside are made up very largely of people who desire the associations which a college town affords. Many people have moved into the suburb for the express purpose of educating their children. No better environment can be afforded than is furnished by the citizens of Morningside. An effort is made to make the residence of students pleasant and helpful, and special interest is taken by the local church in the welfare of the students. This, together with the excellent intellectual and spiritual atmosphere of the school, is well calculated to inspire in the young people the most helpful ideals.

BUILDINGS, GROUNDS AND EQUIPMENT.

The Campus.

The original campus contained about seventeen and one-half acres of ground, well improved with shrubbery and trees and nicely laid out with walks and drives. The beautiful tract of ground lying just south of the campus, belonging to Mr. E. C. Peters, and containing about ten acres, with the large cottage thereon, has recently come into the hands of the College. This property is handsomely laid out with walks and drives, bordered with well grown and well cultivated trees. A few years ago it took the prize at the Iowa State Fair for beauty of situation and arrangement. The possession of the property gives the College a front of about one-fourth mile each on Morningside Avenue and Peters Street, and a campus unsurpassed for location, beauty and general adaptability for the development of a great institution. Its elevated position, which

is over 200 feet above the river and about one and one-half miles distant, secures the best possible conditions for health and affords a delightful outlook over the entire city and the broad Missouri sweeping many miles away to the south and west.

BUILDINGS.

Main Hall.

During the years of 1899 and 1900 a large new building was erected, which is one of the finest structures of its kind in the state.

This building is "T" shaped, the main part fronting toward the east being 140 feet in length, while the east and west dimension is 145 feet. The foundation is built of Sioux Falls granite and the superstructure of pressed brick with stone trimmings. The building is practically four stories in height, the basement story being elevated and well lighted. It is heated with steam, lighted by both gas and electricity, and is well ventilated. The basement story contains the gymnasium and bath rooms, the physical laboratories and boiler room. The first story contains the President's office, the Faculty room, the chemical laboratories and various class rooms. The second story contains the Auditorium, with a seating capacity of 700, the biological laboratories, the library rooms and various class rooms. The third floor contains the Christian Association hall and the halls of the various literary societies. All of these rooms are connected by double doors, which may be thrown open, forming one vast reception hall, and used for general receptions at the beginning of each year and at other times when occasion requires.

Conservatory Hall.

This is the home of the Conservatory of Music. It is built of Sioux Falls granite, 43x65 feet in its dimensions and four stories in height. The interior has recently undergone extensive repairs, including new floors, repapering and a central staircase. On the main floors are offices, studios, waiting rooms and an assembly room which occupies nearly all of the fourth floor. The basement floor is occupied by the College Printery.

Park Hall.

Park Hall is a large cottage acquired through the purchase of the Peters tract. It contains eleven large rooms, not including the reception and bath rooms, and is in charge of a competent matron. It is used as a home for a limited number of young ladies. Those desiring rooms should correspond with the Vice-President.

LABORATORIES.**Physical.**

During the past year the Department of Physics has used as a laboratory the entire basement floor of the wing of the main building, together with an apparatus room and a dark room for photometric work. About \$800 has recently been expended for apparatus. Most of this has been imported duty free. Some of the more important pieces of apparatus now in the laboratory are a precision balance, Chaslyn balance, specific gravity balance, barometer, air pump, vacuum gauge, seconds pendulum, apparatus for co-efficient expansion, for co-efficient of elasticity, Jolly balance, batteries of various types, galvanometers of the tangent, astatic and D'Arson-

val types, static machines of the Voss and Wimhurst patterns, resistance boxes, wheatstone bridges, telegraph sounder, key and relay, commutators, dynamo, motors, refractometer and polariscope, spectroscope, photometer, Nicol's prisms, sensitive balance and set of weights, Westphal's specific gravity balance, sonometer, barometer, hydrometer, spectrometer, magnetometer, galvanometers, voltmeter and ammeter of the Jewel pattern, large static machine for X-ray work, storage cells, projection lantern, water blast, wireless telegraphy outfit, etc. This equips the department with the necessary apparatus for Experimental Physics and makes it possible to perform all the experiments usually performed in a modern physical laboratory. Apparatus has also been provided for the course in Chemical Physics, which is offered each year.

Biological.

The Department of Biology occupies a set of rooms at the south end of the second floor, Main Hall. The lecture room is well lighted and is fitted with raised seats. The east laboratory, designed for work in morphology, has wall tables with drawers, aquarium tables, students' lockers and a microscope cabinet. The west laboratory has a similar equipment and is used for histology and physiology. Between these two laboratories is a smaller private laboratory. This is fitted with apparatus for microscopical work by artificial light, as well as by daylight. Adjoining is a supply room and also a dark room for photographic and physiological work. All students' lockers are fitted with Craig keyless locks. The laboratories are supplied with city water, gas and electric lights. There is a good equipment of apparatus, including twenty-one compound microscopes, microtomes, water baths, dissecting micro-

scopes, etc., together with material for laboratory work and class demonstration, such as prepared slides, preserved plant and animal material obtained for dissection from various parts of the United States, and a collection of marine invertebrates obtained from the Smithsonian Institution.

The Biological Library contains a complete set of Engler and Prantl's *Naturliche Pflanzen-familien*, a complete file of the *Botanisches Centralblatt*, Pfeffer's *Physiology of Plants*, Schimper's Warming's and Drude's work on plant geography, Drude's *Vegetation der Erde*, DeBarry's works, Kerner-Oliver's *Natural History of Plants*, Lang's *Invertebrate Morphology*, Parker & Haswell's *Text-book of Zoology*, *Cambridge Natural History*, besides manuals and many single volumes on Botany and Zoology in English, French and German.

The department regularly receives the *Botanisches Centralblatt*, the *Botanical Gazette*, and *Science*.

Chemical.

The Department of Chemistry occupies a set of seven rooms on the first floor of Main Hall. It includes a lecture room with raised seats and a maximum seating capacity of sixty; a general chemical laboratory, with capacity for over sixty desks; an advanced laboratory, a private laboratory, a balance room, a storeroom and an acid room. The laboratories are furnished with all of the modern conveniences and appliances. The students' desks are built of oak and contain lockers and drawers for the apparatus of each individual student. Each desk is furnished with gas and water, and all of the usual reagents are to be found on the shelves. The laboratories are exceptionally well ventilated, and each room contains one or more easily accessible

hoods for carrying off fumes. An abundance of material is kept in stock at all times and is constantly replenished. Each year an order is placed with a German firm to import chemicals and apparatus duty free. The department offers good facilities for all ordinary chemical work, and every attention and opportunity will be afforded those who desire to give the subject special attention.

The Chemical Library contains a complete set of the *Berichte der Deutschen Chemischen Gesellschaft* from its beginning in 1868, a complete set of the *Journal of the London Chemical Society* from 1871 to the present, Allen's *Commercial Organic Analysis*, Watt's *Dictionary of Chemistry*, and other works, both English and German, which have recently been purchased. The department receives regularly the following journals: *Berichte der Deutschen Chemischen Gesellschaft*, *Annalen der Chemie*, *Journal of the London Chemical Society*, *Journal of the American Chemical Society*, and *Bulletin de la Societe Chimique de Paris*. The department has access also to the current numbers as well as the files of the *American Chemical Journal*, *The American Journal of Science*, published by the American Association for the Advancement of Science, and *School Science*.

LIBRARIES.

The College library occupies two large rooms on the second floor of Main Hall. It contains over 4,000 volumes, while on the magazine and newspaper racks may be found some of the best periodicals and papers. This is, of course, the general laboratory for all departments, and it is more and more the plan to make this library of greater service to the students.

The City Library contains a large collection of books of rare value to students. It is now especially rich in history, and works in all departments are constantly being added. It is open to students as well as citizens, free of charge, and the librarian is very kind in using all efforts to make it of very great service to the College.

GYMNASIUM.

The Gymnasium is located in the basement of Main Hall. It is fitted out with a supply of apparatus for all kinds of gymnastic work, including a vaulting horse, a vaulting buck, parallel bars, trapeze, swinging rings, chest weights, striking bag with Moline platform, adjustable ladder, mats, dumb bells, Indian clubs, medicine balls, wands, etc. The floor is marked out as a basket ball court, which makes the gymnasium a scene of activity during the winter months, during which period the track team also makes use of it. Separate dressing rooms for men and women are provided adjacent to the gymnasium.

COLLEGIATE YEAR.

The school year consists of three terms and a summer session. The fall term is fourteen weeks in length, the winter term twelve, the spring term ten and the summer session six weeks. It is so arranged as to give a vacation of two weeks at the holidays, one week between the winter and spring terms and seven weeks at the close of the summer session.

GOVERNMENT.

The government of the institution rests on the principle that self control constitutes the central power in human character. The Faculty will insist

on such conduct as becomes the high position of students in a Christian college. Students whose conduct is detrimental to the interests of the College, and who do not yield to the salutary counsels of the Faculty, will be dismissed from the college.

As the College is open alike to ladies and gentlemen, great care will be taken that no improprieties are committed in their general deportment toward each other.

Special permission must be obtained for rooming in a house not occupied by a family.

Students may be required to change their rooms when the choice of location does not meet with the approval of the Faculty.

Ladies and gentlemen will not room at the same place except by special permission.

Everything in deportment which interferes with the highest mental and moral development is prohibited, such as profanity, obscenity, gambling, the playing of cards and billiards, the use of intoxicating liquors and all forms of dissipation. The use of tobacco in the buildings or on the grounds of the college is forbidden.

RELIGIOUS EXERCISES.

The College emphasizes strongly the fact that all true culture is based upon seeking "first the Kingdom of God." Therefore all students are required to attend the chapel exercises held each school day. On Sunday all are required to attend one church service. On Thursday evening there is a general religious service under the direction of the President. On Sunday mornings prayer meetings are held by the young men and young women separately, under the direction of the Y. M. and Y. W. C. A.

PARENTS AND GUARDIANS.

Free correspondence with parents and guardians is invited. The Faculty will furnish them information concerning their children, when desired, and will carry out their wishes as far as possible.

SPECIAL STUDENTS.

The College recognizes the legitimate demand for special studies on the part of many who are unable to spend the time necessary to complete a regular course. It therefore permits students who can present the equivalent of the requirements for admission to the Freshmen class, but who are not candidates for a degree, to take up any required or elective study which, in the judgment of the instructor in charge, they are qualified to pursue. Such students are classed as "College Specials." The College also permits students who are unable to present the equivalent of the requirements for admission to the Freshman class, but who desire to take special studies in either the College or the Academy, to take up work which they are qualified to pursue. Such students are classed as "Academy Specials." Special students are under the same general regulations as other students.

CLASSIFICATION.

Graduates from the Morningside Academy will be entitled to College rank. Graduates from accredited high schools, or approved preparatory schools, will be given Freshman rank, and if their work has not included all the specific requirements for admission as published on pages 43 to 52 they will have opportunity to make up the work.

Students may be promoted who have not more than three arrearages at the opening of the fall

term, not more than two arrearages at the opening of the winter term and not more than one arrearage at the opening of the spring term. Senior preparatory students are promoted before the close of the spring term on presenting an oration and on payment of fees.

Any uncredited three-hour course, or equivalent, for any term preceding that in which the advanced rank is to be given constitutes an arrearage for College students; any uncredited four-hour course, or equivalent, constitutes an arrearage for Academy students.

All arrearages must be made up within a year after taking the advanced rank, unless the time is extended by permission of the Faculty. Credit will not be given for less than one year's work in beginning language.

REGISTRATION.

No student will be registered for more than the scheduled number of hours in any term unless he has made an average grade of "B" during the preceding term, nor will any student be registered for more than the regular amount of work who has failed in any subject the preceding term. The regular amount of work in the Academy is eighteen hours, and in the College fifteen hours. The maximum number of hours of regular College work which any student may carry will be eighteen hours. No student will pursue a course more than one year in advance of his classification without the permission of the Faculty.

Conditions and required subjects scheduled for the year in which the student is classed take precedence in registration over advanced courses or elective work.

SCALE OF SCHOLARSHIP.

Examinations are held at the close of each term. The work of the students is graded according to the following scale: A, high; B, good; C, fair; D, passing grade; E, poor, not passed; Cond., conditioned.

If a student is given a rank of E it signifies that he receives no credit and will be required to pursue the study again. If he is reported Cond. it signifies that he has failed in some particular and the work may be made up. All such conditions must be removed before the close of the following term, or the student will receive no credit. A report of the student's standing is sent to the student's parents or guardian at the close of each term.

REGULATIONS GOVERNING ABSENCES.

1. Students are required to attend all of the regular exercises in the course for which they are registered.
2. If in any term the absences of a student, in a single course, exceed *one-eighth* of the total number of assigned exercises of that course he will be required to take at the close of the term, besides the regular examination, an *additional* examination in that subject covering such work as the instructor may see fit to cover. The date fixed for the additional examination is the last week of the term.

In cases where the additional examination is required no grade shall be recorded if it be not taken at the time fixed, unless a special examination be taken by the student covering the work of the whole term.

No fee shall be required for *additional* examinations taken at the time fixed. A fee of \$2 will be charged for all special examinations.

3. When the student's absences in any course amount to *one-sixth* of the total requirement in that study, his registration in that subject is canceled and the privilege of examination is denied.

Canceled registration may be restored upon proper showing by the student, at the discretion of the Vice-President of the College, but such student shall be required to take the *additional* examination provided for those whose absences have exceeded *one-eighth* of the requirements of the course.

4. Unexplained tardiness shall be counted as an absence. Explained tardiness may or may not be so counted at the discretion of the instructor. But tardiness must be explained the same day it occurs.

5. Students whose class room work in any course earns for them a grade of "A" will be excused from examination in that course.

THE J. F. HASKINS SCHOLARSHIP.

A scholarship has been founded by J. F. Haskins, of Boscobel, Wis., with a value of \$1,000, the income of which is to be awarded to that person who shall be named by the founder.

It is hoped that other friends of the institution will soon provide scholarships for the benefit of students who deserve pecuniary aid.

EXPENSES.

The authorities of the institution have striven to keep expenses as low as possible for good, healthful, comfortable living. During the past year table board has been furnished in private homes at \$2.50 to \$2.75 per week. Board is furnished in the College Dining Hall at \$2.25 per week. Furnished rooms in private homes cost from 75 cents to \$1.25 per week. Occasionally board and rooms can be

obtained at lower rates than those quoted above. Many students rent furnished rooms and board themselves at less expense. Many students also work for their board in private homes. Morning-side College is free from extravagant tendencies which pervade many institutions and which frequently cause the chief expense of a college course.

TUITION AND FEES.

College, Academy and Normal Departments.

	Fall.	Winter.	Spring.
Registration fee, see below...	\$ 1.50	\$ 1.50	\$ 1.50
College tuition	18.00	16.00	14.00
Academy and Normal tuition	14.00	12.00	10.00
Sub-preparatory tuition	12.00	10.00	9.00
Commercial branches, not including Stenography	12.00	10.00	9.00
Stenography	16.00	15.00	14.00
Bookkeeping, alone	6.00	5.00	5.00

Laboratory Fees.

	Fall.	Winter.	Spring.
Physical Chemistry	\$ 6.00	\$ 5.00	\$ 4.00
Freshman Chemistry	6.00	5.00	4.00
Advanced Chemistry	7.00	6.00	5.00
College Physics	3.00	3.00	3.00
College Biology	3.00	3.00	3.00
Academy Biology .....	....	2.00	2.00
Mineralogy .....	....	....	4.00
Geology .....	....	2.00	....
Physiography	1.00	....	....
Academy Physics	2.00	2.00	1.50

CONSERVATORY OF MUSIC.**Piano-forte, Organ, Voice, Violin.**

	Fall.	Winter.	Spring.
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Two private lessons a week	\$22.50	\$19.00	\$16.00
One private lesson a week ...	12.00	10.00	8.50
Two class lessons a week....	16.50	14.00	11.50

Harmony, Counterpoint.

Two class lessons a week....	\$ 7.00	\$ 6.00	\$ 5.00
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History of Music.

Two classes a week.....	\$ 3.00	\$ 3.00	\$ 3.00
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Assistant Teachers.

Two individual lessons a week	\$14.00	\$12.00	\$10.00
One individual lesson a week	7.00	6.50	5.50

DEPARTMENT OF ELOCUTION.

Private work, twenty lessons, entitling the student to ten special class lessons.....	\$15.00
Private work, ten lessons, entitling the stu- dent to ten special class lessons.....	9.00

GRADUATION FEES.

College	\$ 5.00
Department of Music.....	4.00
Academy	3.00
Normal Department	3.00
Certificate fee, Department of Elocution.....	2.00

A registration fee of \$1.50 will be charged each student every term, but \$1 will be remitted to all registering during regular hours on the first or second day of the term.

Tuition must be paid in cash and invariably in advance.

A charge of \$2 will be made for special or arrearage examinations.

Ordained ministers and children of ordained ministers in regular work receive a half rate tuition, except in special departments.

Students carrying as much as twelve hours in the College or fourteen hours in the Academy will be charged full tuition. Students carrying less than the above amount will be charged at the rate of \$1.50 per hour in the College or \$1 per hour in the Academy.

Students desiring to take more than regular work will be charged for the same at the rate of \$1 per hour for a study in the College and 75 cents per hour for one in the Academy or Normal Department.

One study in College, Academy or Normal Department may be taken free of charge by students whose music tuition equals \$19 or more.

No tuition will be refunded except in case of sickness, when one-half of the balance from the time the student is excused will be returned. But any student compelled by good reason to leave school will be granted a certificate entitling him to the unused tuition another term. No tuition will be refunded and no certificate given for the last month of a term.

All graduation fees are due May 20.

PHYSICAL TRAINING.

The work in physical training is under the direction of a competent director, who is a regular member of the Faculty and chosen because of his special fitness for the work. The work may be elected by any student who wishes to take it. All students taking the work are required to provide themselves with proper gymnasium suits, including shoes. These are absolutely necessary and are quite inexpensive. Each student who takes gymnasium or

athletic work is entitled to a physical examination, which furnishes the data for his physical training.

EMPLOYMENT BUREAU.

The College desires to encourage self-supporting students and to give them every possible assistance. An employment bureau is maintained by the Young Men's and Young Women's Christian Associations under the direction of a member of the Faculty. The work of the bureau is systematically conducted, and every possible effort is made to secure employment for those who desire it. The sentiment of the students favors economy, and some of the most highly respected members of the school are those who by their own efforts have met all or part of their expenses in college.

Those desiring information concerning the facilities for self-support are invited to correspond with Professor Robert Van Horne.

DEBATES.

There is much interest in inter-society and inter-collegiate debating. Each year there are two inter-society debates, one between the men's collegiate societies and one between the men's academic societies. These are preliminary to inter-collegiate debates which are held each year with other colleges and academies. There has been a league composed of Morningside College, Simpson College, Nebraska Wesleyan University and Baker University for the past three years. For the coming two years a league has been formed between Morningside College and Upper Iowa University. A similar league has been formed with Grinnell Academy, Des Moines College Academy and Simpson Academy.

Debating is managed by committees appointed by the literary societies, under the supervision of the Faculty committee on debates.

STUDENT ORGANIZATIONS.

THE YOUNG MEN'S AND THE YOUNG WOMEN'S Christian Associations are active organizations, having a strong influence in intensifying the Christian life and activity of the students. Under their direction there are held devotional meetings each Sunday morning, and often special prayer services during the week. They are a spiritual force in the school. Bible bands are conducted by members of the association, giving helpful training to Christian workers. There is also a Mission Study Class, through whose efforts a number of valuable books on the subject of missions has been placed in the College library.

These organizations have regular committees to meet the trains at the opening of each term and to assist students in securing rooms.

COLLEGE LITERARY SOCIETIES—There are four College literary societies, which have nicely furnished halls on the third floor of Main Hall. They meet weekly and afford excellent opportunity for drill in parliamentary rules, in writing, speaking and debating. Two of these societies, the Philomathean and Othonian, are maintained by the young men of the College, and two, the Atheneum and Zetabethean, by the young women.

ACADEMY LITERARY SOCIETIES—There are also four Academy literary societies, the Hawkeye and Adelphian for young men and the Crescent and Aesthesian for young women. They occupy nicely furnished halls on the third floor of Main Hall, and have weekly meetings for drill in declamation, debate, etc. All students of the Academy are eligible to membership.

THE PROHIBITION CLUB is a non-partisan organization which has for its object the study of the prohibition question from a sociological standpoint. An oratorical contest is held annually.

ORATORICAL ASSOCIATION—The College is a member of the State Oratorical Association. There is in the school a local association composed of and controlled by the collegiate students. An annual oratorical contest is held, the winner of which represents Morningside College in the state contest, at which fifteen of the best colleges of the state have an opportunity to compete.

The home contest should be endowed with at least \$1,000, which endowment would yield about \$50 annually as a prize to the winner. Such a stimulus would materially aid the work.

THE EDITORIAL BOARD is elected by the four College classes and has charge of the publication of the Collegian Reporter, an eight-page weekly issued in the interest of the student body.

THE ATHLETIC ASSOCIATION includes all the students of the College and has general supervision over all sports in the institution. Under the general association are organized minor associations, such as tennis, football, basket ball and baseball associations.

The revised constitution provides for a board of control, whose duties shall be to manage and finance all athletics undertaken by the College. This board will consist of two students, two members of the Faculty and two alumni. The managers hereafter will be elected by the board and will be directly responsible to that body. Students carrying less than twelve hours of work, and students not making good grades, are debarred from inter-collegiate contests.

DEPARTMENT ORGANIZATIONS.

A CHORAL SOCIETY has been organized for the study of the higher forms of choral music, to which all students passing satisfactory examination in reading music are admitted. Several concerts, consisting of choruses of different styles, both sacred and secular, are given each year, including an oratorio at Commencement time. The opportunity to become acquainted with the best music of this kind cannot be surpassed in the Northwest, and is of the utmost advantage to the student.

THE POLITICAL SCIENCE CONFERENCE is organized with the general departments of History and Economics. Membership is limited to those College students who are taking major work, together with those who are taking, or have taken, as many as two advanced courses in either of the above departments. Subjects of general interest are presented and followed by a discussion of the same. Residents of the city and of Morningside and College students of all departments are welcome to attend the meetings.

SCIENCE CLUB—The Science Club was organized three years ago and is doing efficient work. Meetings are held monthly. The programs consist of reviews of original work by professors or advanced students, reviews of important articles in leading scientific journals and papers on important scientific problems. All students doing major work in Science are eligible to membership. The meetings, however, are open to all who are interested.

THE ACADEMY OF SCIENCE AND LETTERS—The Scientific Association of Sioux City has been reorganized upon a broader basis and is now known as The Academy of Science and Letters of Sioux City.

The objects of the Academy are: (1) Original investigation in science, history, sociology, letters, etc.; (2) the publication of proceedings, and (3) the maintenance of a museum and library.

The meetings of the Academy, which are held semi-monthly from September to April, are open to the Faculty and students of the College, and have proven to be the source of much good.

PUBLICATIONS.

THE COLLEGE BULLETIN is published quarterly in the interest of the College. It serves as a medium to keep friends informed concerning items of interest and the progress of the institution, and to inform the public regarding the facilities offered by the institution. It is sent to prospective students, teachers, contributors to the institution, alumni, members of the Board of Trustees and any others who may be interested. It will be sent regularly, free of charge, to any one on application to the President of the College.

THE JUNIOR ANNUAL is issued by the Junior Class.

THE COLLEGIAN REPORTER is an eight-page weekly edited and published by a company of the students. It is printed at the College Printery in the basement of North Hall, and is devoted to the interests of the student body.

THE COLLEGE CATALOGUE is issued the latter part of each year and is sent on request to any one interested.

THE CONSERVATORY CATALOGUE is issued annually and will be sent upon request.

SUMMER SESSION.

The summer session of Morningside College was established in 1902. Its purpose is to give to public and high school teachers an opportunity to review subjects they may once have studied, as well as to pursue studies in advance of those they are teaching; to give to teachers who are now holding Second Grade certificates an opportunity to pursue the subjects required for First Grade certificates under teachers who are specialists; to offer students who are irregular in their course of study an opportunity to become regular.

The tuition for Review and Teacher's course will be \$5 for the six weeks, all of which is payable on entrance upon the work. This includes free tuition in vocal music. College and Academy students will be charged the regular rates for the work taken. Board can be obtained at the usual rates.

The County Institute of Woodbury County will be held during the last part of the session and will be in charge of County Superintendent Brown. The classes for teachers will close when the institute begins. Further information may be obtained from the Vice-President.

THE COLLEGE.

TERMS OF ADMISSION.

Candidates for admission should be at least 16 years of age, and must give satisfactory evidence of good moral character; those who have been members of some other college must present certificate of honorable dismissal.

Students may be admitted by any of the following methods: (1) By examination; (2) by completing one of the courses in Morningside College Academy; (3) by presenting a certificate from an accredited high school or academy; (4) by presenting credits or certificate of standing from some other college of good standing. Forty-five term credits or thirty semester credits are required for unconditional admission. Students whose deficiencies do not exceed two semester credits will be admitted to the Freshman Class on condition that the preparatory work takes precedence in registration over advanced or elective work.

Those desiring admission by certificate should secure from the Registrar blanks to be filled out and filed with the Registrar upon entrance. These certificates should show a list of the preparatory studies, certified by the Principal of the preparatory school or by some other proper official, showing the quantity and quality of work done and the time of final examination in the subjects presented. Students entering on certificate are considered on trial until they give satisfactory evidence of ability to carry the work which they undertake. *All certificates should be in the hands of the Registrar one week before the opening of each term.*

SUBJECTS REQUIRED FOR ALL COURSES.

The following prescribed work is required for entrance to all courses:

ALGEBRA. Including equations of more than one unknown quantity, involution, evolution, radicals and quadratics.

GEOMETRY. Plane Geometry, with special emphasis placed upon original problems.

RHETORIC. The elements of Rhetoric as presented in Scott and Denny or an equivalent. The requirements in Reading and Study and Practice in English are practically uniform in all colleges. The work for the next three years is as follows:

A general knowledge of the subject matter and of the lives of the authors of the following:

1904, 1905, 1906: Shakespeare's "Merchant of Venice," "Julius Caesar" ('04-'05), "Macbeth" ('06); the "Sir Roger de Coverley Papers" in *The Spectator*; Goldsmith's "Vicar of Wakefield" ('04-'05); Irving's "Life of Goldsmith" ('06); Coleridge's "Ancient Mariner;" Scott's "Ivanhoe;" Tennyson's "The Princess" ('04-'05), "Gareth and Lynette," "Lancelot and Elaine" and the "Passing of Arthur" ('06); Lowell's "Vision of Sir Launfal;" George Eliot's "Silas Marner;" Carlyle's "Essay on Burns" ('04-'05); Scott's "Lady of the Lake" ('06).

A thorough study of the following, especially as to subject matter, form and structure:

1904, 1905, 1906: Shakespeare's "Macbeth" ('04-'05), "Julius Caesar" ('06); Milton's "L'Allegro," "Il Penseroso," "Comus" and "Lycidas;" Macaulay's "Essay on Milton," "Essay on Addison" ('04-'05), "Life of Johnson" ('06); Burke's "Conciliation with America."

SCIENCE. One year of Science, excluding Grammar Grade work in Physiology and Physiography.

HISTORY. One year's work in addition to elementary United States History. Ancient History to 476 or 800 A. D., with special reference to Greece and Rome as recommended. If the candidate cannot present this he may substitute for it either (1) General History, one year, (2) Mediaeval and Modern, one year, or (3) one year in elementary English History and advanced American History.

Additional Requirements for the Classical Course.

LATIN. Grammar, including prosody, four books of Caesar's "Gallic War," six orations of Cicero, and six books of Virgil's "Aeneid," or a full equivalent for any of this work. Prose composition is required equal to one lesson a week for three school years.

GREEK. Grammar, Gleason's Greek Primer, or an equivalent. Four books of Xenophon's "Anabasis" and three books of Homer's "Iliad," or a full equivalent. Prose composition will be required.

Work to the amount of five semester credits in addition will be required, which may be any of the work listed under Elective Credits, on page 47.

Additional Requirements for the Philosophical Course.

LATIN OR GREEK. The same as for the Classical Course.

FRENCH OR GERMAN as follows:

FRENCH. A thorough knowledge of the grammar, the irregular verbs, idioms of the language, and correct pronunciation, together with the reading of not less than 400 pages of standard authors.

GERMAN. A thorough knowledge of the grammar, with special attention given to the strong and

weak verbs, separable and inseparable prefixes, modal auxiliaries, the use of the subjunctive and infinitive, sentence order and complex sentence structure. Careful attention should be given to pronunciation, and prose composition is required. The candidate must present work in addition equal to at least 400 pages of reading from standard authors, including at least one German classic.

Five semester credits in addition will be required, which may be any of the work listed under Elective Credits, on page 47.

Additional Requirements for the Scientific Course.

LANGUAGE. The equivalent of at least four hours a week of class instruction for two years each in any two of the following: Latin, Greek, German or French. One year of advanced Science work may be offered instead of one year of modern language.

PHYSICS. Two semesters' work, using such works as Carhart & Chute's Physics, accompanied by Chute's Laboratory Manual. The work must be taken with good laboratory facilities, and the laboratory work should occupy about one-half of the course. Students who are deficient in the laboratory work will have an opportunity to take the Laboratory course without the text book in the Academy laboratory.

Five semester credits in addition will be required, which may be any of the work listed under Elective Credits.

CREDITS.

The following list contains the subjects for which credit is usually given in admitting students from accredited secondary schools. Elective credits may be made up from this list.

Arithmetic (work above Grammar Grade)	.1 Credit.
Astronomy	.....1 Credit.
Biology	.....1 to 2 Credits.
Bookkeeping (by double entry)	.....1 Credit.
Botany	.....1 to 2 Credits.
Chemistry	.....1 to 2 Credits.
Civics	.....1 Credit.
Drawing (work above Grammer Grade)	.....1 Credit.
English	.....6 to 8 Credits.
French	.....2 to 6 Credits.
Geology	.....1 Credit.
Geometry, solid	.....1 Credit.
German	.....1 Credit.
Grammar, English (work above Grammar Grade)	.....1 to 2 Credits.
Greek	.....2 to 6 Credits.
History (U. S., where it follows General History)	.....1 Credit.
History, General	.....3 Credits.
Roman	.....1 Credit.
Greek	.....1 Credit.
English	.....1 Credit.
Latin, Grammar and Reader	.....2 Credits.
Cæsar	.....2 Credits.
Cicero	.....2 Credits.
Virgil	.....2 Credits.
Physics	.....2 Credits.
Political Economy	.....1 Credit.
Physiography	.....1 Credit.
Physiology	.....1 Credit.
Zoology	.....1 to 2 Credits.

Accredited High Schools.

Below is printed the list of High Schools whose work is accredited by the Committee on Secondary School Relations, together with the maximum number of semester credits allowed each on the last analysis of its course of study.

Graduates of these High Schools may be classed as unconditioned Freshmen upon presentation of

the proper certificate showing the completion of not less than 30 semester credits in studies acceptable to the College for admission into one or more of its courses. Graduates who present not less than 28 acceptable credits may be classed as conditioned Freshmen at the opening of the College year, the conditions to be made up as soon as possible after entrance. No one can be admitted into the Freshman class in any course with less than 28 semester credits.

Ackley	32	Cedar Falls—Latin	34
Adair	30	English	33
Adel—Latin	31	Cedar Rapids—Cl.....	35
Philosophical	30	Latin-Science	34
Albia—Latin	31	Centerville—Classical ..	31
English	29	Scientific	33
Algona		Chariton—Latin	34
Allerton	18	English	31
Alton—Latin	27	Charter Oak	26
General	24	Charles City—Cl.....	30
Ames—Latin	32	Science	30
English	29	English	29
Anamosa—Latin	32	Cherokee—Latin	33
English	30	German	30
Anita	26	Science	28
Atlantic—Latin	32	Clarinda—Elective	40
German	32	Clarion—Latin	29
Audubon—Elective	37	Science	29
Avoca—Latin	31	Clearfield	30
German	31	Clear Lake—Latin	18
English	29	English	16
Science	33	Clinton—Elective	48
Bedford—Latin	31	Colfax—Latin	28
English	28	English	27
Belmond—Latin	32	Columbus Junction—	
English	28	Latin	31
Boone—Latin	32	English	27
Science	33	Coon Rapids	30
English	25	Corning—Latin	33
Brighton	31	Science	31
Brooklyn—Latin	30	Correctionville	27
English	23	Corydon—Latin	34
Burlington—Elective ..	42	English	25
Capital Park—Latin ..	31	Council Bluffs—Cl.....	36
Science	30	Latin-Science	33
English	28	German	33
Carroll—Latin	31	Cresco	29
General	31	Creston—Elective	45

Davenport—Classical	50	Glenwood—Latin	33
Science	46	English	29
Decorah—Latin	38	Glidden—Latin	33
General	32	Grand Junction	23
English	30	Greene—English	24
Denison—Latin	33	Latin	28
Science	36	Greenfield—Latin	27
Des Moines East—		English	22
Elective	40	Grinnell—Latin	34
Des Moines West—		English	29
Elective	52	Grundy Center	35
Des Moines North—		Guthrie Center—Latin..	32
Elective	50	English	25
DeWitt	27	Guthrie County—Latin..	25
Dexter	32	Science	20
Dubuque—Classical	32	Hamburg—Classical	29
Latin-Science	32	English	29
Science	32	Hampton—Latin	32
Dysart	19	English	27
Eagle Grove—Classical	30	Harlan—Elective	32
Latin-Science	29	Hartley—Latin	27
Eldon—Latin	32	English	23
English	30	Hawarden—Academic ..	36
Eldora—Latin	29	Normal	32
English	25	Commercial	32
Elkader—Latin	30	Holstein	29
German	30	Hubbard	30
English	27	Humboldt—Latin	25
Emmetsburg—Latin	31	English	25
Science	25	Ida Grove—Latin	30
Estherville—Latin	34	German	28
Latin-Science	28	Independence—Latin ..	30
Fairfield	38	English	25
Farmington		Indianola—Latin	32
Fayette	22	Science	32
Fonda	28	Iowa City—Latin	33
Fontanelle—Latin	29	English	34
English	26	Iowa Falls—Latin	32
Forest City	28	English	28
Fort Dodge—		Jefferson—Latin	31
Latin-Science	34	Modern Classics	32
Modern Lang	34	Modern Language ..	31
English	29	Keokuk—Elective	43
Fort Madison—		Keosauqua—Latin	27
Latin-English	29	English	22
German-English	29	Kingsley	32
Science-English	26	Knoxville—Latin	34
Garner—Latin	30	English	31
English	26	Lake City—Col. Prep...	31
Geneseo, Ill.—		German-Science	32
Preparatory Elective .	37	Teachers	33
English Elective	35		

Lake Mills—English	28	New Sharon	28
Latin	30	Newton	39
Lamoni—Latin	30	North English	23
English	29	Northwood—Latin	28
LeMars—Elective	43	English	24
Leon		Oak Park, Des Moines—	
Lime Springs	21	Latin	33
Lyons—Elective	44	English	32
Manchester—Latin	32	Odebolt—Latin	29
English	30	General	26
Manning	32	Oelwein—Latin	31
Mapleton—Elective	27	English	31
Maquoketa—Elective	38	Onawa—Elective	31
Marengo—Latin	32	Orange City—Latin	30
Science	32	English	27
Marion—Elective	39	Osage—Latin	32
Marshalltown—		English	27
Elective	44	Osceola—Latin	32
Mason City—Reg.	29	English	27
Col. Preparatory	28	Oskaloosa—Latin	35
English	25	Science	29
McGregor—		Ottumwa—Elective	42
Latin-German	31	Parkersburg	31
German	27	Pella—Latin	31
Latin	27	English	23
English	22	Perry—Latin	31
Mechanicsville—Latin	23	Science	26
English	20	Postville—Latin	30
Milton	21	German	30
Missouri Valley—		Elective	36
Elective	31	Red Oak	40
Moline, Ill.—Com.	32	Reinbeck—Latin	30
English	35	English	26
Science	37	Riceville	27
Language	40	Richland	19
Montezuma	35	Rockford—Elective	39
Monticello		Rock Rapids—Elec.	29
Morning Sun—Latin	31	Rockwell City	32
Science	30	Rolfe	32
Moulton—Latin	35	Sac City—Latin	30
English	32	Science	32
Mt. Ayr—Latin	31	Sanborn	31
English	29	Shelby—Latin	27
Mt. Pleasant—Elective	36	German	27
Muscatine—		Sheldon—Elective	45
Latin-English	36	Shell Rock—Latin	28
German-English	36	English	28
Nashua—Elective	41	Shenandoah—Elective	35
Neola—Latin	30	Sibley—Latin	31
German	30	German	29
Nevada	30	Sidney—Latin	32
New Hampton—Latin	36	German-Science	31
English	31		

Sigourney—Latin	29	West Liberty—Latin	31
Latin-English	27	Science	29
English	26	West Union	35
Sioux City—Classical..	32	Williamsburg	30
Latin-Science	31	Wilton—Latin	27
Latin-German	32	Latin-English	24
English-German	29	Winfield	27
Sioux Falls, S. D.—		Winterset	31
Classical	41	Cedar Valley Seminary,	
Science	37	Osage—Classical	33
Civic	30	Science	23
Sioux Rapids—Latin..	26	Charles City College—	
English	24	Elective	37
Sloan	31	Denison Nor. School—	
Spencer—Latin	39	Col. Preparatory	28
Science	38	Science	26
Springdale—Latin	24	Classical	28
English	22	Dexter Normal College..	32
Springville	24	Epworth Seminary	37
Spring Center	21	Howes Academy, Mt.	
English	32	Pleasant	34
Spirit Lake—Latin	31	Iowa City Academy—	
English-Science	30	Latin	32
Stuart	32	Science	35
Tabor		Jewell Lutheran College,	
Tama City—Latin	29	Classical	41
English	26	English-Science	31
Taylorville, Ill.—Latin..	34	Lincoln Academy, Lin-	
English	28	coln, Neb—Classical..	34
Tipton—Latin	32	Philosophical	38
General	32	Science	33
Toledo		Mich. Military Academy,	
Traer—Latin	29	Orchard Lake, Mich.—	
English	23	Regular	50
Villisca—Elective	42	Mt. St. Joseph Academy,	
Vinton—Latin	32	Dubuque	
English	31	Northwestern Classical	
Wapello	36	A c a d e m y , Orange	
Washington—Latin	30	City	40
Lit. and Business....	24	Sac City Institute—	
Waterloo East—		Classical	24
Latin-Elective	37	Philosophical	26
English-Elective	30	Science	25
Waterloo West—Latin..	32	St. Agatha's Seminary,	
English	30	Iowa City	32
Waukon—Latin	31	St. Anagar's Seminary..	
English	29	St. Mary's	32
Waverly—Latin	32	St. Francis Academy,	
Science	35	Council Bluffs.....	
Webster City—		Washington Academy...	
Classical	34	Whittier College,	
Latin-Science	35	Salem	25
English	32	Woodbine Normal	
		School	33

COURSES OF STUDY

It is the purpose of the institution in offering the courses outlined below to meet the demands of various classes of students; those who wish to pursue a college course as a means of training and culture, and those who wish to teach or lay a thorough foundation for professional work or university work. The aim has been to provide courses that shall be sufficiently flexible to be adapted to the individual needs of the student. The system combines the features of the old course system and the group and major systems now quite generally used. The work of the Freshman and Sophomore years is for the most part prescribed, and in the Junior and Senior years it is mostly elective within certain limitations for each course. It has been deemed advisable to require one year of Psychology, Biblical Literature and Christian Evidences during the Junior year in all courses. Two orations are required of Juniors and two of Seniors.

The unit of work is a term hour of fifty minutes, not including the time allowed for change of classes, requiring two hours of work in preparation. One hundred and eighty term hours, exclusive of gymnasium work, are required for graduation. The instructor under whom the major is being taken will be the student's class advisor and will direct his work.

Classical and Philosophical students are required to take one continuous year's work in some one

science, preferably in the Sophomore or Junior year. Scientific students are required to take one continuous year's work in some major subject outside of science or mathematics other than that prescribed. One year of modern language is required of classical students. Two years of the modern language not offered for entrance are required of Philosophical and Scientific students. Additional work will be elected to make a total of fifteen hours a week, to be known as free electives, which may be in any subject for which the student is prepared.

CLASSICAL COURSE.

FRESHMAN. Latin 1, 3; Greek 3, 3; English 1, 3; Mathematics 1, 3; Elective, 3.

SOPHOMORE. Latin 3, 3; Greek 4, 3; History, 1, 3; Elective, 6.

JUNIOR. Major, 3; Minor, 3; Philosophy 1, 3; Elective, 6.

SENIOR. Major, 3; Minor, 3; Elective, 9.

PHILOSOPHICAL COURSE.

I.

FRESHMAN. Mathematics 1, 3; Modern Language *, 4 or 5; English 1, 3; History 1, 3; Economics, 2.

SOPHOMORE. Modern Language, 4; English Literature 1, 3; Elective, 8.

II.

FRESHMAN. Mathematics 1, 3; Modern Language, 4 or 5; English 1, 3; Ancient Language, 3; Elective, 2.

*French 1, 4 if German has been offered for entrance or German 1, 5 if French has been offered.

SOPHOMORE. History 1, 3; Modern Language, 4; Economics, 2; Elective, 6.

JUNIOR. Major, 3; Minor, 3; Philosophy 1, 3; Elective, 6.

SENIOR. Major, 3; Minor, 3; Elective, 9.

Note. Freshman and Sophomore work, as under I. or II., may be taken at the option of the student; in either case Junior and Senior work to be followed as indicated.

SCIENTIFIC COURSE.

I.

FRESHMAN. Mathematics 1, 3; Chemistry, 1, 4; Biology 1, 4; Modern Language, 4 or 5.

SOPHOMORE. Physics 1, 4; Mathematics, Chemistry or Biology, 4; Modern Language, 4; English 1, 3.

JUNIOR. Major, 4; Minor, 4; Philosophy 1, 3; Elective, 4.

SENIOR. Major, 4; Minor, 4; Elective, 7.

II.

Pre-Medical Course.

The required studies of the Pre-Medical Course, leading to the degree of Bachelor of Science, are the same as those of the General Scientific Course. The students in the Pre-Medical Course are required to turn their scientific work and certain of their elections in the direction of those sciences which are preliminary to the study of medicine, such as Organic Chemistry, Urine Analysis, Sanitary Water Analysis, Toxicology, Milk Analysis, Physiology, Histology, Morphology of Plants and Animals, etc. The completion of this course prepares the student for the Sophomore year of the best medical colleges.

MAJORS AND MINORS.

A subject known as the student's major must be selected not later than the beginning of the Junior year and must be pursued not less than three hours a week through two years in addition to the preliminary work required by the department concerned. Extra work, such as assigned readings, seminary work and work in connection with department clubs may be required of the students in connection with their majors.

Two subjects known as minors must be pursued in other departments, preferably one in the Junior and one in the Senior. A minor shall consist of at least one year of continuous work beyond the required work.

Majors may be selected from the following subjects: Latin, Greek, German, English Language, English Literature, History and Politics, Economics and Sociology, Mathematics, Biology and Chemistry.

Minors may be selected from the following subjects: Latin, Greek, German, English Language, English Literature, History and Politics, Economics and Sociology, Mathematics, Biology, Chemistry, French, Philosophy, Pedagogy and Physics.

THESES.

At the option of the instructor under whom the student is taking his major, Seniors may be required to prepare a thesis, which must be a scholarly dissertation on a subject representing some phase of the student's major. It must exhibit creditable literary workmanship and a good command of expression. In most cases it should contain an historical introduction and be accompanied by a complete bibliography of the subject.

The thesis must be typewritten on paper of good quality, 8 by 10 inches in size, and bound according

to a specified form, and when accepted by the instructor under whom the work is done it becomes the property of the College. It must be completed, bound, and deposited in the library of the College not later than June 1 of the year in which the student expects to graduate.

DEGREES.

The degree of Bachelor of Arts is conferred on those who complete the Classical Course; that of Bachelor of Philosophy on those who complete the Philosophical Course; that of Bachelor of Science on those who complete the Scientific Course.

The corresponding Master's Degree may be conferred on graduates of Morningside College or other similar institutions of good standing under the following conditions: For resident work the candidate must spend at least one year in residence upon an approved course of advanced study, two-thirds of which must be in one department. If he has not done major undergraduate work in the particular field in which he desires to take his degree, more time than one year will be necessary. Students who have had undergraduate training may, in some departments, under favorable conditions, complete the work for the Master's degree *in absentia*. For non-resident work the candidate's studies must extend over at least two years, and the final examinations must be taken at the College. In all cases a creditable thesis must be prepared, which is considered the most important part of the work for a degree. Such thesis must be a scholarly dissertation on some subject connected with the major study. It must be more extended and complete than that offered for the Bachelor's degree. A printed or typewritten copy of the thesis must be left with the librarian by June 1 of the year in which the degree is conferred.

DEPARTMENTS OF INSTRUCTION

BIBLICAL LITERATURE.

Three hours of Biblical Literature are required for graduation from the College. This work can be elected from the following courses:

1. **BIBLICAL LITERATURE.** This course will present the English Bible as literature. Disputed points of criticism are not discussed, but the literary form and contents of the books are examined. Historical points are emphasized so far as they seem important to the interpretation. The form and spirit of Hebrew poetry are studied. Lectures are given on the history of the various versions of the English Bible. Three hours a week. (Omitted in 1905-6.)

2. **THE LIFE OF JESUS.** This course is primarily historical. The events of the life of Jesus are studied chronologically, and much attention is given to the political and social environment of the time. Three hours a week. (Omitted in 1905-6.)

3. **THE APOSTOLIC CHURCH.** The development of the life, literature and institutions of Christianity in Apostolic times, with special reference to the life and work of St. Paul. Three hours a week, winter term.

BIOLOGY.

1. **GENERAL BIOLOGY.** A general course designed to acquaint the student with the broader aspects of animal and plant life by means of lectures, conferences, field work and laboratory study of selected types. The first half year is devoted more particularly to animal life, while in the latter half plants receive special attention. Fundamental

principles of Biology are developed as the work proceeds. Some of the important topics considered are the cell and its functions, structure and life history of selected forms, inter-relationships of organisms, adaptation to environment, and the gradual advancement in organization. While the main object of the course is to provide a broad foundation for the further work of the department, it affords the student who may desire only a general knowledge of the subject an insight into the methods and principles of Biology. Required of all Freshmen in the Scientific Courses. Four hours a week. A prerequisite to any other course in Biology.

2. MORPHOLOGY OF THALLOPHYTES. Two lectures, one conference and five hours of laboratory work per week. A thorough study in the laboratory of a series of Algae and Fungi. Lectures on the morphology, classification and relation of the various groups. Discussions of lines of development. Fall term, four hours a week. (Omitted in 1905-6.)

3. MORPHOLOGY OF BRYOPHYTES AND PTERIDOPHYTES. Continuation of Course 2. Special emphasis laid on alternation of generations and the development of heterospory. Winter term, four hours a week. (Omitted in 1905-6.)

4. MORPHOLOGY OF SPERMATOPHYTES. Continuation of Course 3, taking up Gymnosperms and Angiosperms. Significance of the seed is elaborated. Spring term, four hours a week. (Omitted in 1905-6.)

5. PLANT PHYSIOLOGY. Lectures and laboratory work on the physical processes of higher plants. Absorption, transpiration, photosynthesis, etc., considered. Fall term, four hours a week.

6. PLANT HISTOLOGY. Study of vegetable tissues. Methods of killing, fixing, imbedding, sec-

tioning, staining and mounting. The course is largely laboratory work, with occasional lectures or conferences. Winter term, four hours a week.

7. PLANT ECOLOGY. The consideration of plants in relation to environment. The study in field of vegetation forms, habitat groups and formations. Lectures on relation of organ to function, adaptations and meaning of plant forms. Laboratory work in histology and morphology of various habitat groups. Spring term, four hours a week.

8. MORPHOLOGY OF PROTOZOA, PORIFERA AND COELENTERATA. Two lectures, one conference and five hours of laboratory work per week. Study of types and discussion of relationships of groups. Some classification and study of habitat. Fall term, four hours a week.

9. MORPHOLOGY OF ECHINODERMATA, MOLLUSCA, ARTHROPODA AND WORMS. Continuation of Course 8. Anatomy of types by dissection. Embryology as far as practical in a general course. Winter term, four hours a week.

10. MORPHOLOGY OF VERTEBRATES. Continuation of Course 9. Study of types, dissections, tracing of gradual complexity of systems. Embryology considered as far as possible in a general course. Spring term, four hours.

11. ADVANCED ANIMAL PHYSIOLOGY. A study of the development of the organs and tissues of animals and their functions, with special reference to the human body. Four hours throughout the year. (Omitted in 1905-6.)

12. SPECIAL WORK IN BIOLOGY. Additional courses may be offered to meet the special needs of major students. Special problems may be assigned to students in the Senior year, the nature and time of work to be arranged by the instructor.

Course 1 is repeated each year. Courses 2, 3 and 4 alternate with Courses 8, 9 and 10. Similarly Courses 5, 6 and 7 alternate with Course 11.

Major work will include Courses 1, 2, 3, 4, 8, 9 and 10, or their equivalents, together with a fourth year's work selected from the remaining courses offered by the department.

A Minor course will consist of a year's continuous work beyond the required work in the department.

CHEMISTRY.

1. GENERAL INORGANIC. Experimental lectures, supplemented by quizzes, comprising a systematic treatment of elementary principles and the properties of the more important elements and their compounds. The history of Chemistry will be brought out, and the theory of solution and the laws of equilibrium especially emphasized. Three lectures a week and two afternoons' laboratory work throughout the year. Four hours credit. Newth's Inorganic Chemistry and Smith's Laboratory Manual. The laboratory work merges into Qualitative in the spring term. Dennis and Whittlesea's Qualitative.

2. QUANTITATIVE ANALYSIS. A study of type processes in gravimetric and volumetric according to Talbot's Quantitative Analysis. One lecture per week and ten hours' laboratory work. Fall and winter term. Four hours credit.

3. MINERAL ANALYSIS. This is a course in advanced quantitative analysis, and credit will be given according to work done. Ten hours of laboratory work per week throughout the year. Texts: Talbot, Long, Sutton and Fresenius.

4. ORGANIC CHEMISTRY. A study of the aromatic and fatty series of hydrocarbons and their

derivatives. The general view is sought, the descriptive side not being emphasized. Four lectures per week and two afternoons' laboratory work. The latter will comprise the preparation of about twenty-five typical carbon compounds. Remsen and Gatterman.

5. ORGANIC ANALYSIS. The use of the combustion furnace for the determination of carbon, nitrogen, hydrogen, sulphur, the halogens, etc. One lecture per week and ten hours' laboratory work. Fall term, four hours credit.

6. INDUSTRIAL CHEMISTRY. Lectures on the processes of the Chemical arts and industries, fuels, acid and alkali manufacturing, glass, explosives, sugar making and refining, petroleum, iron and steel metallurgy, etc. Available manufacturing plants will be visited. Two lectures per week throughout the year. Thorpe's Industrial Chemistry.

7. PHYSICAL CHEMISTRY. An elementary course, which will consist of lectures upon the laboratory demonstration of the fundamental principles of Chemistry based on physical measurements. Freezing and boiling point methods of molecular weight determinations. Theory of ionization, degree of ionization and speed in ions. Two lectures and two afternoons' laboratory work per week. Four hours credit throughout the year.

8. SPECIAL METHODS. This is an advanced course in the analysis of foods, milk, honey, fats, oils, baking powders, gas and a study of adulterants and pure food legislation. Ten hours per week throughout the year. Four hours credit.

9. URINE ANALYSIS AND TOXICOLOGY. A course intended for the needs along this line of students preparing for medicine. One lecture per

week and two afternoons of laboratory work for two terms. Four hours credit. The lecture work will discuss some elementary phases of physiological Chemistry.

10. CHEMISTRY OF COOKING AND CLEANING. An elementary course in simple domestic science. Two lectures per week. Fall term, two hours credit.

Major work will include Courses 1, 2, 4 and 8. A minor course will consist of a year's continuous work in the department.

ECONOMICS AND SOCIOLOGY.

1. OUTLINES OF ECONOMICS. A study of the general principles. The practical applications of economic principles to present day problems will be emphasized throughout the course. Two hours a week throughout the year.

2. ECONOMIC HISTORY. A general survey of the economic history of Europe and America. This course is intended to give a general understanding of the evolution of the modern industrial system. Special attention is given to the development of industry and commerce in the United States. Two hours a week throughout the year.

Note. Either 1 or 2 is required for Philosophical students in their Freshman or Sophomore years.

3. PRACTICAL SOCIOLOGY. In the first part of the course a study will be made of social conditions in Europe and the United States. The remainder of the year will be devoted to a consideration of the most important methods of social betterment. Social conditions and efforts for social betterment in Sioux City will be investigated and studied. The work will consist of lectures, collateral reading and reports. Three hours a week throughout the year. (Omitted in 1905-6.)

4. ECONOMIC HISTORY OF THE UNITED STATES. A general survey of the economic history of the United States from the close of the eighteenth century to the present time. The aim will be to show the mode in which economic principles are illustrated by American experience and the extent to which economic conditions have influenced social and political development. Studies will be made of a number of important topics in American economic and industrial history. The work will consist of lectures, collateral reading and reports. Three hours a week throughout the year.

5. SOCIAL PHILOSOPHY. A study of social theories and teachings from the earliest times to the present day. Among the subjects considered will be the social aspects of Christianity, the social teachings of Thomas Carlyle, John Ruskin, Frederick Maurice, Charles Kingsley and Count Tolstoi, and present day proposals to remedy social unrest. Three hours a week throughout the year.

6. ECONOMIC THEORY. Marshall's Principles of Economics and the works of other recent writers will be read and discussed. Three hours a week throughout the year. (Omitted in 1905-6.)

7. SELECTED TOPICS IN ECONOMICS AND SOCIOLOGY. Special work will be arranged for graduate and advanced undergraduate students. Credit will be given according to the amount of work done.

Courses 1 and 2 will be given each year. They are introductory to the more advanced work and are also planned for those who take only a limited amount of work in the department. They are intended to give a general view of theoretical and historical economics. Either 1 or 2 will be required for admission to 3, 4, 5 and 6; 3, 4, 5 and 6 will

be given in alternate years; 4 and 5 will be offered in 1905-6.

Major work in Economics and Sociology will include *three courses*, selected from those numbered 3, 4, 5 and 6. Each of these courses constitutes minor work in Economics or Sociology.

The methods of instruction used will vary with the nature of the work. Lectures, recitations and written work may be expected in all the courses. Increasing emphasis will be placed upon ability to use books and upon methods of independent investigation of limited topics and fields.

EDUCATION.

I. a. THE SCIENCE OF EDUCATION. A text will be used as the basis of study in this subject, but much of the subject matter will be given in the form of lectures. Reference work will also be required. Three hours a week, fall term. Open to Sophomores and Juniors.

b. HISTORY OF EDUCATION. This course begins with a study of the systems of education in vogue among the earliest Asiatic nations. The systems of the European nations are also carefully studied; attention is given to the leading educators of the different countries. Three hours a week, winter term. Open to Sophomores and Juniors.

c. PSYCHOLOGY AS APPLIED TO TEACHING. In connection with this subject will be studied the principles underlying school management and methods of teaching. The work will be given partly by lectures. Three hours a week, spring term. Open to Sophomores and Juniors.

This course is offered for the special advantage of those college students who may intend to enter the profession of teaching. Students should take

the work of the whole year. This course may be taken as a Minor.

ELOCUTION AND ORATORY.

A course in Elocution and Oratory is offered, which is elective in the Sophomore year. Two hours a week throughout the year.

ENGLISH LANGUAGE.

1. FRESHMAN ENGLISH. Outlines of Rhetoric. Exercises. Frequent themes. A study of Synonyms. Required of Classical and Philosophical Freshmen and Scientific Sophomores. Three hours a week throughout the year.

2. PROSE MASTERPIECES. A study of the diction, style and special characteristics of English prose writers. Seminary method with written exercises. Open to all who have had Course 1. Three hours a week throughout the year.

3. POETIC MASTERPIECES. The mechanics of English versification. A study of the diction and special characteristics of great writers of verse. Seminary method with written exercises. Open to all who have had Course 1. Three hours a week throughout the year.

4. FORENSICS AND ORAL DEBATE. A preliminary course of six lectures on forensic structure and style, followed by practice in oral debate. Each member of the class debates once a week on questions previously assigned. Attention will be given to argumentative writing, analysis of specimens of argumentation and the drawing of briefs. Two hours a week, winter and spring terms.

5. SENIOR AND JUNIOR ORATIONS. Two orations, or their equivalent, are required of Juniors and Seniors.

6. ADVANCED ENGLISH COMPOSITION. A study of the leading forms of discourse with reference to structure and style. The work of each term will consist of an introductory lecture upon the form or discourse to be studied for that term, to be followed by exercise in composition, with private conferences. Open to all who have had English 1 and who have had or are pursuing one course in either English Literature or Advanced English. The class will meet for organization on the second Tuesday of each term in room 202 at 3:20 p. m. After this preliminary meeting there will be no stated meetings of the class, but time for private conference with the members will be arranged for. One hour credit.

Major work will include English 1 as a prerequisite, followed by Courses 2 and 3 and Course 1 in English Literature.

A minor course will consist of one year's work beyond Course 1.

ENGLISH LITERATURE.

1. HISTORY OF LITERATURE. From the beginning to the present time. A study of the great periods of literary activity, their beginning, development and decline, with illustrations from Craike's Prose Selections and Ward's English Poets. Informal talks will be given. Wide outside reading and papers required. Three hours a week throughout the year.

2. a. THE ELIZABETHAN AGE. A comprehensive study of the age from the Revival of Learning to Milton. Frequent reports and themes. Fall term, three hours a week.

b. THE EIGHTEENTH CENTURY. A general study of the century, with readings from representative authors. Reports and papers required. Winter term three hours a week.

c. NINETEENTH CENTURY POETRY. The principal poets of the century excepting Tennyson and Browning. Outside readings, discussion and papers. Spring term, three hours a week.

Course 1 is required as preliminary to Course 2.

3. SHAKESPEARE. A brief review of the origin and development of the drama with its place in Elizabethan literature. A critical study of some of Shakespeare's principal works. The dramas selected will vary according to the class. Three hours a week throughout the year.

4. THE ENGLISH NOVEL. A history of its rise and growth, with illustrations from principal works. Readings, reports and essays required. Two hours a week throughout the year.

Major work may be done in English Literature only by those who have taken English 1 and English Literature 1. Major work in the Junior year will consist of Course 2, and this will be followed in the Senior year by such work as the individual students may need.

A minor course will consist of one year's work beyond Course 1.

FRENCH.

1. ELEMENTARY COURSE. Grammar. Chardeval's Complete French Course. Special attention is paid to pronunciation, and no text book will be used until every student has overcome the difficulty of uttering French sounds. A reader will be selected in the spring term. Five hours a week throughout the year.

2. SECOND YEAR. Grammar. Selections from Balzac, Alexandre Dumas *pere et fils*, Edmond Rostand, About, Corneille, Moliere, Racine will be read in the winter and spring terms. Four hours a week throughout the year.

3. GRAMMAR. COMPOSITION. CONVERSATION. Students will be advised to subscribe to a weekly French paper, selections from which will be read in class. A summary analysis will be made of Victor Hugo's works, and students will commit to memory extracts from either Hermani or Ruy Blas. Three hours a week throughout the year.

4. SCIENTIFIC FRENCH. In order to comply with the wishes of students a Scientific French Course may be offered, which will be open also to third year French students whose literary French attainments will be deemed sufficient by the instructor to enable them to follow successfully this course. The particular branches of science in pursuance by the different members of the class will determine the selection of text books. Three hours a week throughout the year.

No major work is offered by this department at present. Course 3 may be taken as a minor.

GERMAN.

1. ELEMENTARY COURSE. Thomas' German Grammar, Part I. Selections in prose and verse. Five hours a week throughout the year.

2. SECOND YEAR. Narrative and descriptive prose. Selected dramas of Lessing and Schiller. Review of forms and syntax. Thomas' German Grammar, Part II. Four hours a week throughout the year.

3. THE GERMAN NOVEL OF THE NINETEENTH CENTURY. Readings from such authors as Freytag, Keller, Heyse, Scheffel, Ludwig and C. F. Meyer. Three hours a week throughout the year.

4. GRILLPARZER AND HIS CONTEMPORARIES. Selected works of Kleist, Grillparzer, Heine and Hebbel. History of German Literature. Reports

and collateral reading. Three hours a week throughout the year.

5. GERMAN EPIC POETRY. Bartsch's *Niebelungen Lied* and the popular epics of the modern period. Simrock, Kinkel, Wolff, Scheffel. Three hours a week throughout the year.

6. MODERN NATIONAL LIFE AND HISTORY. The aim of this course will be to acquaint the students with the spirit and genius of the people and their language. Assigned readings in German history, supplemented by illustrative romance and drama. Translation of some English work into the German vernacular. Three hours a week throughout the year.

7. GOETHE, HIS LIFE AND WORKS. *Dichtung und Wahrheit*, *Götz*, *Werther*, *Faust*, *Italienische Reise*. Study of the life of Goethe, completed. *Faust* compared with the Gochhausen copy. Reports. Three hours a week throughout the year. (Omitted in 1905-6.)

8. COLLOQUIAL GERMAN. Kron's *German Daily Life*, Fossler's *Practical German Conversation*, and other material. One hour credit. Two hours a week throughout the year.

Courses 3, 4 and 7 may be taken as minors in any course. Courses 5 and 6 may be taken as majors in the Classical and Philosophical Courses. Course 8 will be open to all who have had two years of German and to others by special permission.

Courses 5 and 6 represent only partially the major work, each student being assigned some independent theme, on which reports are given throughout the year.

GEOLOGY.

I. a. DYNAMIC GEOLOGY. Three lectures and five hours field work a week. Prerequisites: Ele-

mentary Physics and Inorganic Chemistry. The course may be pursued simultaneously with Inorganic Chemistry. Four hours a week, fall term.

b. HISTORICAL GEOLOGY. Three lectures and five hours laboratory work a week. It will be advantageous to have had or to be taking a course in Zoology. Prerequisite, Biology I. Four hours a week, winter term.

c. MINERALOGY. Two lectures and seven hours laboratory work a week. Prerequisite, Inorganic Chemistry. Four hours a week, spring term. (Omitted in 1905-6.)

GREEK.

1. ELEMENTARY GREEK. GRAMMAR. XENOPHON. *Anabasis*. Book I. Prose Composition. Five hours a week throughout the year.

2. XENOPHON. *Anabasis*. Books II.-IV. Prose Composition. HOMER. Selections from the *Iliad*. Four hours a week throughout the year.

(Courses 1 and 2 are intended primarily for those who have entered without Greek and who wish to complete the Classical Course. They are identical with the courses offered in the Academy.)

3. HOMER. Selections from the *Odyssey*. Illustrated lectures on the monuments of Athens. LYSIAS. Select *Orations*. Study of Athenian political institutions. PLATO. *Apology* and *Crito*. Study of Greek Philosophy. Three hours a week throughout the year.

4. EUROPIDES. *Alcestis* or *Iphigenia among the Taurians*. Lectures on the Greek drama. ARISTOPHANES. *Frogs* or *Clouds*. DEMOSTHENES. *On the Crown* or *Philippics*. Study of the history of Greek Oratory. Three hours a week throughout the year.

5. AESCHYLUS. *Prometheus Bound.* SOPHOCLES. *Antigone.* ARISTOPHANES. *Birds.* THUCYDIDES. Book VII. Three hours a week throughout the year.

6. LYRIC POETS. Selections. HERODOTUS. Selections from the Persian Wars. ISOCRATES. *Panegyricus.* PLATO. Select *Dialogues.* Prose Composition. Three hours a week throughout the year. (Omitted in 1905-6.)

7. NEW TESTAMENT GREEK. Reading of parts of the *Gospels*, the *Acts*, and selections from the Pauline *Epistles*. Two hours a week throughout the year.

8. SCIENTIFIC NOMENCLATURE. Intended for scientific students who wish to acquire an elementary knowledge of Greek and the ability to use a lexicon. A study of the simpler inflections, translations, word studies of scientific terms. One hour a week throughout the year.

Courses 1, 2, 3 and 4 are prerequisite to Courses 5 and 6. Major work will include two courses selected from those numbered 5, 6 and 7.

Course 1 may be taken as a minor by students taking Philosophical Course I. or by Scientific Students. Course 2 may be taken as a minor by those taking Philosophical Course II. Any one of Courses 5, 6 and 7 will constitute a Minor Course for Classical Students whose major is not Greek.

HISTORY AND POLITICS.

History.

I. EUROPEAN HISTORY. The work will begin with a review of the period from the German migrations to the establishment of Charlemange's empire. The course proper aims to cover the period from 800 A. D. to 1789. Required of Freshmen in the

Philosophical Course and of Sophomores in the Classical Course. Open to Scientific Students of the College. Three hours a week throughout the year.

2. MODERN EUROPEAN HISTORY. A continuation of Course I. The subjects of study are the French Revolution, the Napoleonic Era and Nineteenth Century History. Open to Sophomores and Juniors. Three hours a week throughout the year. (Omitted in 1905-6.)

3. HISTORY OF ENGLAND. A study of English history from the earliest times to Edward VII. While religious, economic and social life will be noted, special attention will be given to political history and to the origin and growth of the English constitution. The present workings of the English government will be treated under Comparative Governments in connection with Politics Course 2. Intended primarily for Sophomores and Juniors. Two hours a week throughout the year.

4. AMERICAN HISTORY. This course will begin with a review of American history from 1492 down, but the periods of Discovery, Exploration and Colonization must be passed over rapidly. The real aim is to cover the period from 1760 to the present time, chief emphasis being placed upon political history. For Juniors and Seniors only. Three hours a week throughout the year.

5. AMERICAN HISTORY SEMINAR. A detailed study of some one important subject or phase of American political or constitutional history. Open to students majoring in History. Two hours a week throughout the year.

Course 1 is a prerequisite to the other courses in History. Courses 2 and 3 will be given in alter-

nate years. Course 5 will be offered when desired by a sufficient number of qualified students.

Major work in History will include History 1, 2, 3 and 4 and Politics 4. History 5 may be substituted for 2 or 3.

Politics.

1. AMERICAN CONSTITUTIONAL HISTORY. In the fall term of this course a close study will be made of the United States Constitution and Government. In the winter the origin and development of the Federal Constitution will be traced, while in the spring the later Constitutional History of the United States will be covered. Intended primarily for Freshmen and Sophomores, but open also to Juniors. Two hours a week throughout the year.

2. HISTORICAL AND COMPARATIVE POLITICS. The first half of this course is given to a study of the origin and development of government from primitive times through Greece, Rome and the Middle Age to modern times. During the second half year a comparative study of the present governments of England, France, Germany, Switzerland and the United States is made. Open to Sophomores, Juniors and Seniors. Two hours a week throughout the year.

3. POLITICAL PHILOSOPHY AND INTERNATIONAL LAW. In this course a survey of political theory or philosophy is made in the first half year. During the second half year the subject of International Law is taken up, special attention being given to the Monroe Doctrine and to cases to which the United States has been a party. Open to Juniors and Seniors only. Two hours a week throughout the year. (Omitted in 1905-6.)

4. HISTORY OF AMERICAN POLITICAL PARTIES. A lecture course given in connection with the course

in American History. Open to the same students. One hour a week throughout the year.

Course 1 should be taken before the other courses in Politics. Courses 2 and 3 will be given in alternate years.

Major work in Politics will include Politics 1, 2, 3 and 4 and History 4.

Major work in History and Politics combined will include History 1, 2 or 3 and 4, and Politics 1, 2 or 3 and 4.

A minor course will consist of a year's continuous work beyond that which is required.

The method of conducting the work in History and Politics will consist of lectures, topical reports, class discussions, collateral readings, textbooks, etc., varying with each course and subject as its character may require.

LATIN.

1. CICERO. *De Amicitia et Senectute*. Translating at sight and hearing. LIVY. Selections from Books XXI. and XXII. Sight Reading. HORACE. *Odes and Epodes*. Meters and verse form. Three hours a week throughout the year.

2. TERENCE AND PLAUTUS. *Phormio*, *Menaechmi*, *Captivi*. Meters. Peculiarities of ante-classical Latin. Supplementary reading on the development of the drama. TACITUS. *Agricola* and *Germania*. Comparison of the Latin of the Silver Age with that of the Augustan Age. HORACE. *Satires and Epistles*. Three hours a week throughout the year.

3. EPISTOLARY LATIN. CICERO. Those letters will be read which throw special light upon Cicero's private character and public life. PLINY. Selected letters. Three hours a week throughout the year.

(Omitted in 1905-6.) Given in alternate years with Course 4.

4. JUVENAL. *Satires*. Readings from Horace and Persius. TACITUS. Selections from the *Annals*. Readings from the other Latin historians with a study of the differences in styles. MARTIAL. *Epigrams*. Three hours a week throughout the year.

5. LATIN PEDAGOGY. This course is intended for prospective teachers of Latin, and is open to all who have taken Course 1. A study will be made of the aims and methods of classical instruction, problems of syntax and the Latin literature commonly read in secondary schools. During the first half of the fall term special attention will be given to the study of the cases, and during the latter half of the term to the study of the modes in subordinate clauses. The work will be based upon the seven books of Caesar's Gallic War. During the winter term Cicero's orations will form the basis for work. Special study will be made of their historical setting. In connection with the Catilinarian orations Sallust's Cataline will be read. The spring term will be spent upon the study of the Aeneid, complete, with special attention to the literary side. Those selecting this course should pursue it throughout the year. Two hours a week.

6. TOPOGRAPHY OF ROME. Lectures and Topics. One hour a week throughout the year.

7. LATIN PROSE COMPOSITION. Practical exercises in the writing of Latin. One hour a week throughout the year.

Latin 1 may be taken as a minor by students pursuing Philosophical Course 1 or by Scientific students who have had the required preliminary work.

Latin 2 may be taken as a minor by students pursuing Philosophical Course II. Courses 1 and 2 are prerequisite to Courses 3 and 4.

Latin 3 or 4 may be taken as a minor by Classical students not majoring in Latin.

Major work will include Course 3 or 4 in the Junior year, to be followed by such work in the Senior year as will best suit the needs of the individual student.

Students expecting to specialize in Latin are urged to pursue courses in Greek.

MATHEMATICS.

1. a. SOLID GEOMETRY. This will include the study of the history of geometry, supplementary to the regular demonstrations. Original work will be constantly pursued. Fall term, three hours a week.

b. COLLEGE ALGEBRA. A brief review will be made of radicals and quadratic equations, followed by a study of proportion, variation, progressions, indeterminate coefficients, binomial theorem, logarithms, choice, chance, vanishing fractions, determinants, theory of equations. Winter term, three hours a week.

c. PLANE TRIGONOMETRY. Trigonometric functions are studied and formulae developed and applied. Spring term, three hours a week.

2. a. ANALYTIC GEOMETRY. Beginning with a point, the right line, circle, ellipse, parabola and hyperbola are generated and equations for the same are studied and applied. As many special curves studied as time permits. Fall term, three hours a week.

b. CALCULUS, DIFFERENTIAL. This covers a complete study of algebraic and transcendental functions, differentiation of algebraic, logarithmic,

exponential, trigonometric and inverse trigonometric functions, expansion of functions, Maclaurin's theorem, Taylor's theorem, indeterminate forms, partial differentiation, maximum and minimum for one variable. Winter term, three hours a week.

c. CALCULUS, INTEGRAL. This covers elementary integrals, rational fractions, integration by rationalism, integration by substitution, integration by parts, integration by successive reduction, trigonometric integrals. Spring term, three hours a week.

Course 2 is open to all who have completed Course 1.

3. JUNIOR MATHEMATICS. Special curves, special cases in differential and integral calculus, solid analytics, theory of equations, introductory work in geometry of position. Three hours a week throughout the year. Open to all who have completed Course 2.

4. SENIOR MATHEMATICS. GEOMETRY OF POSITION. Followed by introductory work in the theory of analytical functions and differential equations. Three hours a week throughout the year. Open to all who have completed Course 3.

Course 1 is prerequisite to Courses 3 and 4. Major work will include any two courses selected from those numbered 2, 3 and 4. Any one of these courses will constitute a Minor.

MUSIC.

HARMONY AND COMPOSITION. The regular conservatory courses in harmony and composition are now offered as electives for Sophomores, Juniors and Seniors. Three hours a week throughout the year.

MUSICAL HISTORY. The general history of music, elective for Sophomores, Juniors and Seniors. One hour a week throughout the year.

PHILOSOPHY AND PSYCHOLOGY.

Psychology.

1. This is a course in descriptive Psychology, but giving also an introduction to the methods and results of Modern Experimental Psychology. A textbook will be followed, but will be supplemented by outside reading, reports and occasional lectures. Three hours a week, fall term. Required of Juniors.

Philosophy.

1. ETHICS. This course is a systematic study of the fundamental principles that underlie the moral life. A textbook will be used, supplemented by occasional lectures. Three hours a week, spring term. Required of Juniors.

2. LOGIC. A study of the laws and principles of thought as presented in formal Logic. Three hours a week. Elective for Juniors and Seniors. (Omitted in 1905-6.)

3. HISTORY OF PHILOSOPHY. A study of the development of philosophic thought from the earliest investigation of the ancient Greeks to the present time. Weber's History of Philosophy will be used to outline the work of the course. Extensive reading is required in the works of some of the great thinkers, such as Plato, Descartes, Locke, Berkeley, Hume and Kant. Two hours a week throughout the year. Elective to Juniors and Seniors.

4. ADVANCED ETHICS. The purpose of this course is to read carefully and discuss critically the great classic works in the field of Ethics. The year

1905-6 will be given to the ancient Greek and Roman writers. Plato's Republic, Aristotle's Nichomachaeon Ethics and some works of the Stoic thinkers will be studied. In 1906-7 the course will deal with Modern Ethics, beginning with Hobbes.

Elective to all properly qualified students. Those taking Course 3 are recommended to take this course also. One session weekly throughout the year, hour to be arranged to meet the convenience of students.

5. APOLOGETICS. A study of the relation of the essentials of religion and Christian teaching to the Scientific and Philosophic thought of the present time. Elective to Seniors and to properly qualified Juniors. One session weekly, winter term, hour to be arranged to meet convenience of students.

No major work is offered in this department at present. Courses 3 and 4 will constitute a minor.

PHYSICS.

1. GENERAL AND EXPERIMENTAL PHYSICS. Mechanics of solids and liquids, acoustics, heat, geometrical and physical optics, electricity and magnetism. Three hours attendance. Four hours laboratory throughout the year. Four hours credit. Required of Sophomores in the Scientific course.

2. ADVANCED PHYSICS. Elements of mechanics, fluid motion, thermo-dynamics and kinetic theory of fluids. Two hours attendance. Three hours laboratory throughout the year. Three hours credit. Open to those who have completed Course I or its equivalent.

3. CONSTRUCTION AND MANIPULATION OF PHYSICAL APPARATUS. Construction and assembling of the simpler apparatus such as is used in the laboratories and in the class room high schools. Practical work in glass blowing, grinding, etching and cut-

ting, metal and wood turning, silvering, electro-plating, etc. This course is especially arranged for students expecting to teach. Open to those who have completed Course 1 or its equivalent. Lectures and laboratory throughout the year. Three hours credit.

4. ADVANCED EXPERIMENTAL PHYSICS. Exact measurements and precision in mechanics, light and electricity. Nine hours laboratory throughout the year. Three hours credit. Open to those who have completed Courses 1 and 3 or their equivalent.

5. THEORETICAL PHYSICS. Theoretical Optics. Two hours attendance throughout the year. Two hours credit. Open to those who have completed Courses 1 and 2. A knowledge of Calculus is necessary.

SPANISH.

ELEMENTARY COURSE. GRAMMAR. Special stress will be laid on the necessity of mastering not only the regular conjugations, but also the irregular verbs. Textbooks, Velazquez and Simonne's *Revised Method*. During the spring term Alarcon's *El Capitan Veneno* will be used as a reader. Three hours a week throughout the year.

This course may be taken as a minor.

THE ACADEMY

The aim of the Academy is to give under our own supervision a thorough preparation for the work of the Collegiate Department, and to afford to those who may not be able further to pursue their studies a general training that shall fit them for their place in the social and the business world. It cannot be urged with too much emphasis on all young persons aspiring to high scholarship that the true foundation is a complete mastery of the English branches. No student can prosper in his higher studies, as he should, who has not mastered the structure of mathematics and science. In the courses of study on the following pages it is expected that the average student will spend one and one-half hours in preparation for each class recitation.

ADMISSION.

Students seeking admission to the Academy proper should have successfully completed the common branches. Those who have not taken this work and those in need of review in these branches will find ample provision for their needs in the classes of the sub-preparatory year.

Students who desire to enter the Junior class will be examined in Arithmetic and Grammar. Students seeking advanced standing in the preparatory course must be prepared to pass examinations in the branches for which they wish credit at the time of

entering, or present satisfactory certificates from schools at which they have studied.

GRADUATION.

Upon completion of any one of the courses of instruction a diploma is given which admits the holder to the corresponding course in the College. Those who are deficient in not more than twelve hours' work may graduate and be admitted to the College on presenting evidence of their intention to make up the conditions during the current school year. Orations are required from all candidates for graduation and must be ready for criticism not later than the last day of the winter term. The subjects of the orations must be presented for approval to the head of the English Department not later than the first week of the winter term.

STANDING OF GRADUATES.

Graduates from the Academy are entitled to Freshman rank. Graduates from the Normal Department will receive credit in College for all work of College grade, and four and one-half credits for third and fourth year work in Pedagogy. They will be required to bring up such other work as will meet the requirements for Freshman standing.

SUB-PREPARED WORK.

This course is arranged to meet the needs either of those who are not prepared to enter the Academy or of those who desire to review the preliminary branches. Classes of different grades are formed in Grammar and Arithmetic each term. Classes are also formed in History, Geography, Orthography, Bookkeeping, Reading, Penmanship and Drawing.

CLASSICAL COURSE.**Junior Year.**

FALL TERM.	WINTER TERM.	SPRING TERM.
Latin, 5.	Latin, 5.	Latin, 5.
Algebra, 5.	Algebra, 5.	Algebra, 5.
Rhetoric and Composition, 3.	Rhetoric and Composition, 3.	Rhetoric and Composition, 3.
English Classics, 2.	English Classics, 2.	English Classics, 2.
Bible, 1.	Bible, 1.	Bible, 1.

Middle Year.

Latin, 4.	Latin, 4.	Latin, 4.
Greek, 5.	Greek, 5.	Greek, 5.
Rhetoric and Composition, 2.	Civics, 3.	Political Economy, 3.
English Classics, 1.	Geometry, 4.	Higher Grammar, 4.
Geometry, 4.	Bible, 1.	Bible, 1.
Bible, 1.		

Senior Year.

Latin, 4.	Latin, 4.	Latin, 4.
Greek, 4.	Greek, 4.	Greek, 4.
History, 4.	History, 4.	History, 4.
Physics, 3.	Physics, 3.	Physics, 3.
English Literature, 3.	English Literature, 3.	English Literature, 3.
Gymnasium, 2.	Gymnasium, 2.	Gymnasium, 2.

PHILOSOPHICAL COURSE.**Junior Year.**

FALL TERM.	WINTER TERM.	SPRING TERM.
Latin, 5.	Latin, 5.	Latin, 5.
Rhetoric and Composition, 3.	Rhetoric and Composition, 3.	Rhetoric and Composition, 3.
English Classics, 2.	English Classics, 2.	English Classics, 2.
Algebra, 5.	Algebra, 5.	Algebra, 5.
Bible, 1.	Bible, 1.	Bible, 1.

Middle Year.

Latin, 4.	Latin, 4.	Latin, 4.
French or German, 5.	French or German, 5.	French or German, 5.
Rhetoric and Composition, 2.	Civics, 3.	Political Economy, 3.
Geometry, 4.	Geometry, 4.	Higher Grammar, 4.
English Classics, 1.	Bible, 1.	Bible, 1.
Bible, 1.		

Senior Year.		
Latin, 4.	Latin, 4.	Latin, 4.
French or German, 4.	French or German, 4.	French or German, 4.
History, 4.	History, 4.	History, 4.
English Literature, 3.	English Literature, 3.	English Literature, 3.
Physics, 3.	Physics, 3.	Physics, 3.
Gymnasium, 2.	Gymnasium, 2.	Gymnasium, 2.

SCIENTIFIC COURSE.

Junior Year.		
FALL TERM.	WINTER TERM.	SPRING TERM.
Latin, 5.	Latin, 5.	Latin, 5.
Algebra, 5.	Algebra, 5.	Algebra, 5.
Rhetoric and Composition, 3.	Rhetoric and Composition, 3.	Rhetoric and Composition, 3.
English Classics, 2.	English Classics, 2.	English Classics, 2.
Bible, 1.	Bible, 1.	Bible, 1.

Middle Year.		
Latin, 4.	Latin, 4.	Latin, 4.
German, 5.	German, 5.	German, 5.
Rhetoric and Composition, 2.	Geometry, 4. Civics, 3.	Political Economy, 3.
English Classics, 1.	Bible, 1.	Higher Grammar, 4.
Geometry, 4.		Bible, 1.
Bible, 1.		

Senior Year.		
German, 4.	German, 4.	German, 4.
History, 4.	History, 4.	History, 4.
English Literature, 3.	English Literature, 3.	English Literature, 3.
Physics, 3.	Physics, 3.	Physics, 3.
Elective, 4.	Elective, 4.	Elective, 4.
Gymnasium, 2.	Gymnasium, 2.	Gymnasium, 2.

DEPARTMENTS OF INSTRUCTION

ENGLISH BIBLE.

There is a regular progressive course in English Bible, beginning with the Junior year and continuing throughout two years of the course. This is intended to prepare the students for the work in the College which follows in order. One hour a week throughout the year.

LATIN.

LATIN GRAMMAR AND CAESAR. In the work of the first year great care is taken that the student may be accurate in pronunciation, thoroughly master the forms, become familiar with the principal uses of cases and modes and acquire a vocabulary. Daily drill is given in translating English into Latin and Latin into English by carefully graded exercises. Books II. and III. of the Gallic War are read. Junior year, five hours a week.

CAESAR AND CICERO. Books I.-IV. of the Gallic War and six orations of Cicero are read. One exercise a week is required in prose composition. Middle year, four hours a week.

VERGIL. Aeneid, Books I.-VI. Special study is made of mythology and scansion. Prose composition once a week. Senior year, four hours a week.

GREEK.

ELEMENTARY GREEK. Gleason's Greek Primer. Xenophon's Anabasis, Book I. Prose Composition. Middle year, five hours a week.

XENOPHON AND HOMER. *Anabasis*, Books II.-IV. Prose Composition. Selections from the *Iliad*. Senior year, four hours a week.

GERMAN.

ELEMENTARY GERMAN. Drill upon pronunciation; attention given to inflection of articles, nouns, adjectives, pronouns and verbs; drill upon the use of prepositions and modal auxiliaries. Easy exercises designed to fix in mind the elementary rules of syntax and word order; reading of about 100 pages of easy prose and poetry. Middle year, five hours a week.

SECOND YEAR GERMAN. A study of syntax, with special reference to the use of the infinitive and subjunctive; study of word order and word formation; reading of about 300 pages of literature, comprising easy stories, plays, historical selections and journalistic writing; oral and written translations into German of easy variations upon the matter read; memorizing of poems. Senior year, four hours a week.

FRENCH.

FIRST YEAR FRENCH. Study of French Grammar. Textbook, Chardenal's Complete French Course. Special attention is paid to pronunciation, and no text will be used until every student has overcome the difficulty of uttering French sounds. A reader will be selected in the spring term. Middle year, five hours a week.

SECOND YEAR FRENCH. Textbook, Fasenacht's Second Year French Course. Selections from Balzac and contemporary writers will be studied in the spring term. Senior year, four hours a week.

ENGLISH.

RHETORIC AND COMPOSITION. Text, Scott and Denny's Composition Literature with frequent compositions.

A general study of the subject matter and lives of the authors of the following: Scott's "Lady of the Lake," Lowell's "Vision of Sir Launfal," Scott's "Ivanhoe," Irving's "Life of Goldsmith," Shakespeare's "Merchant of Venice," and a careful study of "Julius Caesar."

A careful study of the content, form and style of Macaulay's "Essays on Milton and Johnson," together with reading of selections from the "De Coverly Papers." Junior year, five hours a week throughout the year, and middle year, three hours a week, fall term.

GRAMMAR. The principles of English Grammar studied and applied. This work presupposes the usual work of the grades thoroughly mastered and is not intended in any way as a mere review course. Middle year, four hours a week, spring term.

ENGLISH LITERATURE. Pancoast's Introduction to English Literature. In connection with this a careful study will be made of Shakespeare's "Macbeth," Milton's Minor Poems, and Burke's "Speech on Conciliation." The class will also read Carlyle's "Essay on Burns," Eliot's "Silas Marner," Coleridge's "Ancient Mariner," and Tennyson's "Idylls of the King." Essays, reports and memorizing required. Senior year, three hours a week.

HISTORY.

EASTERN NATIONS. A short study of Oriental history will occupy about one-half of the fall term.

GRECIAN HISTORY. The history of Greece will be taken up when that of the Eastern Nations is finished. Special attention paid to Grecian civilization, government, culture and literature. This course will extend to about the middle of the winter term.

ROMAN HISTORY. From the earliest times to Augustus. Treated in much the same manner as

Grecian history, except that Greece and Rome are contrasted and compared. This subject will continue till the close of the spring term, by which time the class will have reached the date 476 A. D. or past. Senior year, four hours a week.

CIVICS AND POLITICAL ECONOMY.

CIVICS. An elementary course in the civil government of the United States. Winter term, Middle year, three hours a week.

POLITICAL ECONOMY. An elementary course dealing with the general principles of the subject. Laughlin's Elements of Political Economy will be used as a textbook. Spring term, Middle year, three hours a week.

MATHEMATICS.

The instruction in Mathematics in the Academy will be given with the view of building for the student a solid foundation for work in the College. An entire year will be given to Elementary Algebra and two terms to Plane Geometry.

ALGEBRA. Special attention given to factoring, fractions, equations, imaginary quantities, theory of exponents, radicals, proportion and variation. Textbook, Wentworth. Junior year, five hours a week.

PLANE GEOMETRY. Care will be given to accurate terminology, statement and reasoning. Considerable time will be given to original propositions. Textbook, Wentworth's Plane and Solid Geometry. Fall and winter terms of Middle year, four hours a week.

PHYSICS.

ELEMENTARY PHYSICS Two hours recitation, three hours laboratory work throughout Senior year. Students who have taken physics in a non-

accredited school will be required to take laboratory work only. Three hours credit.

EXPERIMENTAL PHYSICS. A modification of Course 3 in the College will be offered to those who have completed the above course or its equivalent. This course is especially arranged for Normal students expecting to teach physics. Lectures and laboratory work throughout the year. Three hours credit.

GYMNASIUM.

Two hours of gymnasium work a week throughout the Senior year are required of every student.

BOOKKEEPING AND STENOGRAPHY.

BOOKKEEPING. Classes in Bookkeeping will be formed each term. The first term will be devoted to the theory of bookkeeping. Goodyear's or a similar text will be used. In the second term Good-year's Office Routine will be used. Students taking Bookkeeping will take Arithmetic, Grammar, Penmanship and Orthography with the sub-preparatory classes.

STENOGRAPHY. The Graham System of Standard Phonography is used. The first term will be devoted to the mastery of the principles of short-hand; the second term to contraction and speed, and the third term to reporting. Students will be given the practice and drill necessary to prepare them for the work of an office stenographer.

The touch system of typewriting is taught, enabling the operator to write faster and with greater ease than by the former method. The department is equipped with typewriters and all charts and material necessary for the work.

ELOCUTION AND ORATORY

Elocution is not only a fine art, but it is of practical value to the lawyer, the minister—in short, to all who think and talk. The object of this department is the development of vocal, bodily and mental powers. Public recitals are given by the students in this department throughout the year.

ELOCUTION. This course includes systematic training in the principles of speech, articulation, breathing, voice culture, gesture and recitation work.

ORATORY. Analysis and delivery of selected compositions and the philosophy of voice and gesture.

PHYSICAL CULTURE. Course in Physical Culture includes gymnastics for health, strength and graceful drills, poses, attitudes and pantomimes.

CLERGYMEN'S COURSE. Exercises to strengthen the organs of speech, remove soreness of throat and huskiness, with practice in reading hymns and Bible selections.

TEACHER'S COURSE. To those wishing to become teachers of Elocution and Physical Culture special training will be given in the Normal work.

NORMAL DEPARTMENT

This department embraces the following:

1. Courses in academic instruction.
2. Courses in Pedagogical instruction.
3. A Teachers' Bureau.
4. A Pedagogical Club.

Courses are offered in pedagogical instruction that will fit the teacher to take a position in a graded school, high school or academy. The head of the department will have charge of the professional work of the department, and also have general direction of the student in all his work, while the heads of the departments in the academic courses will have supervision of the student in the respective departments.

A carefully selected course of instruction has been arranged for the professional work. This instruction will consist of text book work, lectures, school visitation and criticism, etc. Effort will be made to ground the student thoroughly in the Science and Art of Education.

The Bureau of Information has been designed for the purpose of seeking information concerning vacancies in the different grades of schools, and of aiding students to secure positions when they may be considered competent.

A Pedagogical Club will be organized, consisting of the advanced members of the department, together with members of other departments who may be interested in this line of study.

COURSES OF STUDY.

In the Normal Department the following courses are offered :

1. A four-year English Course and a four-year Latin Course.
2. A three-year English Course and a three-year Latin Course.
3. A three-year Primary Teacher's Course.
4. A two-year English Course.
5. A one-year Review Course.

A diploma will be granted on the completion of either of the four-year courses.

Students completing Courses 2, 3, 4 or 5 will receive on application a statement of the work done, with their standings in the various subjects.

Graduates of accredited high schools can complete either of the following courses within two years and also devote some time to teaching or review work.

Special attention is called to the arrangement of the work in the Review Course of all the subjects required for a Second Grade County Certificate ; in the two-year and three-year courses of all the subjects required for a First Grade certificate ; either of the four-year courses includes all the subjects required for a state certificate.

Students completing any year in the Normal Course and wishing to enter the Academy or College will receive full credit for the work done in the Normal Courses of the same grade. A year of Professional work in Pedagogy is offered to College students. (See under the head "Education" in the College courses.) College students taking this year's work will receive full credit for the work done.

QUALIFICATIONS FOR ADMISSION.

Students desiring to enter this department should be at least sixteen years old and have such a knowledge of the common school branches and such general qualifications as will enable them to do well the work of the department.

Graduates of accredited high schools will be admitted without examination and will be given credit for the academic work done, subject only to such tests during the year as may be necessary to determine their scholastic qualifications for teaching the various subjects. Should these tests show a lack of that thorough knowledge of a subject that is necessary in order that one may teach it, the student will be required to take up such subject in one of the regular classes as opportunity may offer.

Students not graduates of high schools will be classified according to the work they have done. Students holding high school diplomas or county certificates are requested to present the same on applying for admission to the department.

If prepared to do advanced work students will be permitted to take work in one subject one year in advance of the year in which they may be classified.

The tuition in this department is the same as in the Academy.

NORMAL COURSES.**Review Course and First Year Normal Course.**

FALL TERM.	WINTER TERM.	SPRING TERM.
Grammar.	Grammar.	Grammar.
History.	History.	History.
Arithmetic.	Arithmetic.	Arithmetic.
Orthography and Reading.	Penmanship and Orthography.	Penmanship and Reading.
School Management.	School Management.	School Management.
Geography.	Physiology.	Geography.

Vocal Music and Drawing twice a week throughout the year. Elocution one hour a week during the year.

Additional courses will be organized each term as the demand may require. While all the subjects scheduled will be given each term, the student will be permitted to take only so much work as he may be able to do well.

In connection with the work in School Management there will be given tests and drills in the common branches, methods of teaching and the simpler principles of education.

ENGLISH NORMAL COURSE.

First year the same as the Review Course.

Second Year.

FALL TERM.	WINTER TERM.	SPRING TERM.
English, 5.	English, 5.	English, 5.
Algebra, 5.	Algebra, 5.	Algebra, 5.
Physiography, 3.	Physiography, 3.	Botany, 4.
Elements of Psychology, 3.	Advanced Arithmetic, 5.	Principles of Education, 3.
Civics, 3.	Civics and Economics, 3.	Economics, 3.

Third Year.

English, 3.	American History, 3.	Botany, 4.
Geometry, 3.	Geometry, 3.	Geometry, 3.
Physics, 3.	Physics, 3.	Physics, 3.
Science of Education, 3.	History of Education, 3.	Child Study, 3.
French or German, 5.	French or German, 5.	French or German, 5.

Fourth Year.

English, 3.	English, 3.	English, 3.
Solid Geometry, 3.	Solid Geometry, 3.	Solid Geometry, 3.
General History, 5.	General History, 5.	General History, 5.
French or German, 4.	French or German, 4.	French or German, 4.
Advanced Psychology, 3.	Psychology as applied to Teaching, 3.	Lecture Themes, 3.

LATIN NORMAL COURSE.

First year same as the Review Course.

Second Year.

FALL TERM.	WINTER TERM.	SPRING TERM.
Latin, 5.	Latin, 5.	Latin, 5.
Algebra, 5.	Algebra, 5.	Algebra, 5.
English, 5.	English, 5.	English, 5.
Elements of Psychology, 3.	Advanced Arithmetic, 3.	Principles of Education, 3.
Civics, 3.	Civics and Economics, 3.	Economics, 3.

Third Year.

Latin, 4.	Latin, 4.	Latin, 4.
English, 3.	American History, 3.	Botany, 3.
Geometry, 4.	Geometry, 4.	Higher Grammar, 4.
Physics, 3.	Physics, 3.	Physics, 3.
Science of Education, 3.	History of Education, 3.	Child Study, 3.

Fourth Year.

Latin, 4.	Latin, 4.	Latin, 4.
Solid Geometry, 3.	Higher Algebra, 3.	Trigonometry, 3.
General History, 5.	General History, 5.	General History, 5.
Science, 4.	Science, 4.	Science, 4.
Advanced Psychology, 3.	Psychology as applied to Teaching, 3.	Lectures and Themes, 3.

PRIMARY TEACHER'S COURSE.

The first year work will be same as the Review Course.
Second Year.

FALL TERM.	WINTER TERM.	SPRING TERM.
Primary Methods, 3.	Primary Methods, 3.	Primary Methods, 3.
Construction Work, 2.	Construction Work, 2.	Construction Work, 2.
Elements of Psychology, 3.	Drawing, 3.	Principles of Education, 3.
Civics, 3.	Civics and Economics, 3.	Economics, 3.
Algebra, 5.	Algebra, 5.	Algebra, 5.
English, 5.	English, 5.	English, 5.

Third Year.

FALL TERM.	WINTER TERM.	SPRING TERM.
Primary Methods, 3.	Primary Methods, 3.	Primary Methods, 3.
Construction Work, 2.	Construction Work, 2.	Construction Work, 2.
Science of Education, 3.	History of Education, 3.	Child Study, 3.
Physics, 3.	Physics, 3.	Physics, 3.
General History, 5.	General History, 5.	General History, 5.
Education of Man, 2.	Education of Man, 2.	Education of Man, 2.

Vocal Music two hours a week during the year.

Elocution one hour a week during the year.

CONSERVATORY OF MUSIC

The Conservatory of Music is a department of the College and is closely related to the work of the school as a whole. The department is under the personal supervision of a Director, who is also Professor of Music in the College. Courses are offered in Pianoforte, Organ, Singing, Stringed Instruments, Harmony and Musical History. Students in the Conservatory are under the same general regulations that are found in the College. This close connection with College work affords an opportunity for the pursuit of literary studies in connection with music, and in many cases such a curriculum is strongly recommended.

The courses in Harmony and History of Music are offered as electives in the College course.

Many opportunities are offered the student in hearing eminent soloists. Recitals are frequently given and every effort is put forth for the securing of the best talent available.

The Choral Union, Glee Club and Orchestra appear frequently during the year and are open to any students qualified for the work.

For Conservatory Catalogue or other information regarding the department, address the Director.

DEGREES CONFERRED

Commencement, June 9th, 1904.

Master of Philosophy,

George Alfred Platts, Ph. B.....Sargeant Bluff

Bachelor of Arts.

Ira Rolf Aldrich.....Sioux City
Albert Howard Maynard.....Janesville

Bachelor of Philosophy.

Frederick Stanley Carson.....Sioux City
Grace DarlingSioux City
George Washington Finch.....Sheldon
Mabel Alta Killam.....Sioux City
Junius Ralph Magee.....Sioux City
Narcissa P. Miller.....Sioux City
Lydia TrimbleSioux City

Bachelor of Science.

John Kellogg Ackenback.....Spencer
David E. Hadden.....Alta
William Edgar Sanders.....Alta

*STUDENTS

COLLEGE.

Graduate Students.

Marion Ethel Gantt, Ph. B., 1902,	<i>Latin and Greek</i>	Sioux City
Junius Ralph Magee, Ph. B., 1904,	<i>Philosophy</i>	Paullina
Frank E. Mossman, Ph. B., 1903,	<i>Economics and Sociology</i>	Chicago, Ill.
Hans Nissen, Ph. B., 1903,	<i>Philosophy</i>	Lehigh

Seniors.

William Albert Blackwell,	<i>English Literature</i>	Sparland, Ill.
Charles Eden Carroll,	<i>English, Economics and Sociology</i>	Sioux City
William Hamilton Debenham,	<i>History and Politics</i>	Everly
Cyrus Lloyd Gilbert,	<i>English Literature</i>	Larrabee
Earl David Wesley Hanna,	<i>Economics and Sociology</i>	LuVerne
Charles Elmer Harding,	<i>Economics and Sociology</i>	Sioux City
Edward Hawkins Hulser,	<i>History and Politics</i>	Lake City
Carl Wesley Maynard,	<i>German</i>	Algona
John Waldo McCarthy,	<i>Chemistry</i>	Sioux City

*The basis of classification is the number of credits at the close of the winter term of the current year.

The subject given after each name is the student's major subject.

James Norman Hamilton McCay, <i>History and Politics</i>	Sioux City
William John Morgan, <i>Chemistry</i>	Sibley
George John Poppenheimer, <i>English</i>	Sioux City
Ralph Eugene Root, <i>Mathematics</i>	Akron
Simon Diedrich Stulken, <i>History and Politics</i>	Sioux City
David Lawrence Young, <i>History and Politics</i> ..	Center Junction
Nellie Rena Bowker, <i>English</i>	Odebolt
Carrie Brown, <i>Latin and Greek</i>	Sioux City
Myrtilla Mae Cook, <i>Biology</i>	Sioux City
Mabel Evelyn Ellerbroek, <i>German</i>	Sioux City
Emma Jeanette Fair, <i>History and Politics</i>	Galva
Virginia Maude Fair, <i>English</i>	Galva
Anna Goodall, <i>History and Politics</i>	Mapleton
Anna Lou Hollingsworth, <i>Chemistry</i>	Sioux City
Clara Harriet Killam, <i>Biology</i>	Sioux City
Maude Emma Kling, <i>English Literature</i>	Sioux City
Coralinn Lockin, <i>English Literature</i>	Aurelia
Alice Marsh, <i>Economics and Sociology</i> ..	Sioux City

Juniors.

Asa Lee Brower, <i>Biology</i>	Sioux City
Herbert Judson Calkins, <i>History and Politics</i> ..	Sioux City
.....	Sioux City
O. Merrill Foote, Jr., <i>German</i>	Sioux City
Corwin Francis Hartzell, <i>English</i>	Sioux City
Lon Adrian Hawkins, <i>Biology</i>	Sioux City
James William Kindig, <i>History and Politics</i> ...	Correctionville
George Ethan Millner, <i>Chemistry</i>	Sioux City
Roy Glenn Minkler, <i>Economics and Sociology</i> ..	Rolfe
.....	
Hieman Van Dyke, <i>History and Politics</i> ...	LeMars

John William Wunn, <i>Economics and Sociology</i>	
.....	Cogswell, N. D.
Estie Teressa Boddy, <i>English</i>	Sioux City
Emma Gertrude Crossan, <i>Biology</i>	Sioux City
Florence Booth Davidson, <i>English Literature</i> ..	
.....	Sioux City
Eva Celestia Erskine, <i>English Literature</i>	
.....	Highmore, S. D.
Ruby Amelia Flinn, <i>History and Politics</i>	
.....	Sioux City
Mary Margaret Gilbert, <i>English Literature</i>	
.....	Larrabee
Genevieve Howard, <i>German</i>	Sac City
Elizabeth Johnson, <i>German</i>	Sioux City
Berthemia McCarthy, <i>Latin</i>	Sioux City
Ruby Lillian Trimble, <i>Economics and Sociology</i>	
.....	Essex, Ontario

Sophomores.

Alex. W. Adams.....	Cozad, Neb.
John Charles Bass.....	Marcus
Evalza Allen Bennett.....	Sioux City
Stanley B. Collins.....	Marshalltown
Edgar McCay Everhart.....	Sioux City
Perry Edwin Fredendoll.....	Ida Grove
Ralph Emerson Heilman.....	Ida Grove
Albert Lull Hollingsworth.....	Sioux City
Harry Edgar Jones.....	Adel
Clarence Gilbert Manning.....	Hubbard
Orville Ray Mason.....	Sioux City
William Vance McCay.....	Sioux City
Comart John Mekkelson.....	Alta
Ray Patterson.....	Sioux City
Homer Jay Pierce.....	Rock Rapids
Chester Nathan Rissler.....	Sioux City
Douglas Ford Robbins.....	Fonda

Adolf Bernhart Scheel.....	Remsen
Glenn Moore Squires.....	Rolfe
Henry Carl Taylor.....	Estherville
George Arthur Tumbleson.....	Havelock
John Raymond Tumbleson.....	Havelock
Raymond Gerald Young.....	Swaledale
Margaret Catherine Cable.....	Mitchell, S. D.
Alice May Cole.....	Pierson
Martha Maude Fair.....	Galva
Cora Caroline Frear.....	Sloan
Hazel Vernice Gantt.....	Sioux City
Ida Elsie Kilborne.....	Sioux City
Marian Beatrice Matthews.....	Sioux City
Blanche Maude Spratt.....	Sioux City
Grace Eveline Rorem.....	Radcliffe
Jessie Phoebe Swem.....	Cherokee
Mabel Vesta Towner.....	Sioux City
Faith Foster Woodford.....	Sargeant Bluff

Freshmen.

John Ralph Boddy.....	Sioux City
Joe Dowd Brown.....	Sioux City
Lester Harman Briggle.....	Fargo, N. D.
William Henry Clary.....	Oto
Archie B. Cook.....	Sioux City
Guy A. Crow.....	Mapleton
John Burkett Evans.....	Dakota City, Neb.
Horace Ensign Groom.....	Britt
Albert Arthur Hartzell.....	Sioux City
Edward Himmel	Radcliffe
Clare Duaine Horner.....	Spencer
Homer Hubbard.....	Ida Grove
S. Darlow Johnson.....	Rock Rapids
Alonzo J. Jones.....	Radcliffe
Harland Lester Mossman.....	Sioux City
Orlie Gilbert Prichard.....	Hornick

Harry Johnson Richards.....	Barron, Wis.
Henry Herbert Sawyer.....	Ravenwood, Mo.
Fred Lambert Schar.....	Storm Lake
Harry Kenneth Squires.....	Rolfe
Harry Nelson Staples.....	Peterson
Edward M. Tracey.....	Larchwood
Clair Wescott	Galva
H. Clare Wishard.....	Spencer
Persis Augusta Babcock.....	Ida Grove
Eva May Boddy.....	Sioux City
Ida Adella Bryan.....	Correctionville
Mabel Mary Chamberlain.....	Alta
Florence Martha Clark.....	Sioux City
Nora Asemeth Collins.....	West Bend
Leoine Mabel DeLay.....	Sioux City
Ella Marion Dickson.....	Sioux City
Bertha Ada Ewer.....	Rock Rapids
Nettie Alice Fry.....	Granville
Marguerite Clark Hallam.....	Sioux City
Lura Hanna	LuVerne
Mabel Ella Haskins.....	Sioux City
Blanche Bennett Johns.....	LeMars
Blanche Estella Johnson.....	Sioux City
Agnes Augusta Malada.....	Sloan
Lura Grace Matteson.....	Sioux Rapids
Martha MacDonald.....	Sioux City
Louie Mirah Mills.....	Pierson
Nettie Pierson	Audubon
DeNora Skinner.....	Sioux Rapids
Gertrude Vera Thompson.....	Rock Rapids
Blanche Viola Watts.....	Spencer
Elsie Weary.....	Sac City
Olivia Helen Wilson.....	Kingsley

College Specials.

Eugene LaSalle Martin.....	Franklin, Pa.
Floyd James Melvin.....	Sioux City

Raymond Ellson Smith.....	Ida Grove
Lois Edna Frear.....	Sloan
Minnie Lear.....	Coshocton, Ohio
Ella Wendell.....	Sioux City

ACADEMY.**Senior Class.**

Charles R. Abbott.....	Sioux City
Roy Gilmore Barrack.....	Sioux City
John Harlan Bridenbaugh.....	Dakota City, Neb.
Cleveland Falsom Brooks.....	Pierson
Charles Clarence Carkuff.....	New Virginia
Paul Hadley Collins.....	Marshalltown
Arthur Glenn Cushman.....	Sioux City
Hogn Richard Day.....	Remsen
Hubert Harpham Everist.....	Sioux City
Jesse Walter Ewer.....	Rock Rapids
Frank Jude Gary.....	West Side
Arthur Melbourne Gruber.....	Wellington, Kan.
Lloyd Herbert Hamren.....	Sioux City
Frederick William Howlett.....	Kanawha
Clarence Verne Hulse.....	Mingo
Walter Hart Johnson.....	Williams
Lowell Alvin Lucas.....	Sioux City
Alvah Leslie Miller.....	Sioux City
Fred Garfield Mossman.....	Sioux City
Glen Eden Pruden.....	Randolph, Neb.
William Way Reeder.....	Sioux City
Silas Ochile Rorem.....	Radcliffe
William Harrison Shaw.....	Pomeroy
Walter Garfield Sloan.....	Sioux City
Frank Smock	Sioux City
John Gerhardt Waterman.....	Sioux City
John Palmer Wilson.....	Sargeant Bluff
Lloyd Eugene Yule.....	Sioux City
Jeanette Belle Bartlett.....	Wall Lake

Daisy Ethel Chamberlain.....	Alta
Clara Estella Crummer.....	Pomeroy
Grace Mae Currier.....	Salix
Bertie Elizabeth Day.....	Remsen
Zilla Ethel Deno.....	Sioux City
Stella Mae Fry.....	Granville
Laura Hartzell	Sioux City
Ethel Lenore Johnson.....	Sioux City
Edna Grace Kline.....	LuVerne
Ida Belle Lewis.....	Sioux City
Elsie M. Prescott.....	Sargeant Bluff
Mae Edith Wood.....	Merrill

Middle Class.

Walter Eugene Blood.....	Sioux City
James Leroy Brandow.....	Algona
Paul Kerr Carson.....	Sioux City
Homer S. Chandler.....	Cushing
Lindley Ray Chapman.....	Runnels
Charles Franklin Cushman.....	Sioux City
Phil Eugene De Griselles.....	Nemaha
Lewis Eaton	Sioux City
Albert B. Eckerson.....	Sioux City
George Earnest Eveleth.....	Sioux City
Virgil C. Feay.....	Rock Rapids
Charles Henry Fulkrod.....	Inwood
Leol Lincoln Hackett.....	Sioux City
Shirley Marker Hackett.....	Sioux City
Harry Stanley Harrington.....	Stratford
Ammon Lincoln Howarth.....	Sioux City
James Alva Hutchins.....	Emerson, Neb.
Frank H. Klippel.....	Britt
Harry D. Mason.....	Sioux City
Maurice E. McCurdy.....	Dickens
Goodsell Taylor Pendell.....	Sioux City
George H. Peters.....	Marcus
Hans Peter Peterson.....	Sioux City

Robert Eddy Smylie.....	Sioux City
Guy Samuel Stiles.....	Sioux City
Oliver Edwin Terry.....	Sargeant Bluff
Alfred Carter Thornton.....	Hawarden
Jesse Franklin Van Buskirk.....	Alta
Eva Gem Beacham.....	Farnhamville
Lulu Pearl Bowers.....	Sioux City
Emma Gertrude Haafke.....	Bronson
Doris Lukes	Sioux City
Etta Helena Mahood.....	Sioux City
Clara Carlotta Toenjes.....	Sioux City
Litta B. Trenary.....	Pomeroy
Effa Belle Yule.....	Sioux City

Junior Class.

Clayton Fairchild Brower.....	Sioux City
Harry Branton	Sioux City
George W. Bayne.....	Sioux City
George William Bruce.....	Aurelia
Roy Burton Buck.....	Washta
Ralph W. Claybaugh.....	Sioux City
George Marion Day.....	Ireton
Lewis Richard Dean.....	Kingsley
Albert Earl Eveleth.....	Sioux City
John Andrew Fair.....	Galva
William James Fair.....	Galva
Lewis Fry	Granville
Charles Percy Hart.....	Sioux City
James Fuller Haskins.....	Sioux City
Charley W. Hicks.....	Early
David Joyce Hileman.....	Dakota City, Neb.
Alfred Henry Hinde.....	Early
William A. Horton.....	Aurelia
John Abraham Lewis.....	Sioux City
Robert Wallace Luce.....	Ft. Branch, Ind.
Fred N. McCarthy.....	Sioux City
Robert Ray Montgomery.....	Ireton

Alfred Olson	Sioux City
William Lloyd Patterson.....	Sioux City
Arthur Donald Ralston.....	Litchfield, Minn.
Perry Commodore Rosenberger.....	Dickens
Harley G. Sage.....	Livermore
Earl O. Stickney.....	Sioux City
Ivan B. Stickney.....	Sioux City
Ray F. Smith.....	Sioux City
William Vaughn Stiles.....	Howardstown, Ky.
Lewis Newton Vermilyea.....	Sioux City
William K. Vroom.....	Pella
Bennie Dean Wells.....	Marcus
Dora Matilda Armour.....	South Sioux City, Neb.
Estella Bender.....	Hermosa, S. D.
Elizabeth Boals.....	South Sioux City, Neb.
Josephine Bryant.....	Sioux City
Edith Budlong	Titonka
Hazel Maria Deno.....	Sioux City
Eva Lena Fair.....	Galva
Marguerite Leonard Gleason.....	Sioux City
Sarah Louise Hammond.....	Ireton
Charlotte Hickman	Bronson
Carrie Henrietta McCrary.....	Hawarden
Janet Malcolm Macdonald.....	Sioux City
Esther Morgan	Sioux City
Edith Maude Pearson.....	Sundance, Wyo.
Hazel Belle Straub.....	Sioux City
Grace M. True.....	Sioux City

Sub-Preparatory.

George Ticknor Blair.....	Sioux City
Oliver Rufus Boynton.....	Clarion
Albert Carlson	Sioux City
Jason De Waay.....	Archer
Guy J. Fisher.....	Danbury
Logan A. Forkner.....	Moville

Silas Forkner	Moville
Albert Herbert Held.....	Hinton
Mottie Henry	Sioux City
William R. Hinde.....	Sioux City
Charlie H. Hunt.....	Rock Rapids
Will Jensen.....	Emerson, Neb.
Roland R. McDougall.....	Melvin
Charles Henry Noffsinger.....	Lawton
Clifford H. Osgood.....	Ashton
Lewis Franklin Peck.....	Moville
Weert Saathoff	Sheffield
Grover Sauer	Hartley
Norman Jay Smith.....	Marcus
Ross Eldon Swem.....	Cherokee
Elmer Milton Terry.....	Sioux City
Fred Oliver Young.....	Minneapolis, Minn.
Helen May Adams.....	Sioux City
Martha Anderson.....	Sioux City
Maud Angove	Bronson
Ada Vivian Dow.....	Garner
May Figum.....	Sioux City
Agnes Fueston.....	Dakota City, Neb.
Ida Florence Gasser.....	Ponca, Neb.
Nellie Hoblitt.....	Sioux City
Lydia B. Morffit.....	Sheldon
Lucile Peck.....	Evarts, S. D.
Rhoda Steussy	Westfield
Maude N. Stickney.....	Sioux City

Academy Specials.

Daniel Gardner Bayne.....	Sioux City
Vincent Roland Beebe.....	Battle Creek
Howard Garfield Bennett.....	Sioux City
Earl Frank Boughton.....	Ida Grove
Roy Budlong	Titonka

Albert Samuel Walter Crabb.....	Marcus
Charles Lyman Debenham.....	Everly
George Walter Eggleston.....	Sioux City
Waldo Searle Johnson.....	Storm Lake
Jay Jones	Hornick
Charles Henry Morrison.....	Ida Grove
George Ambrose Parsons.....	Rock Rapids
Rodney T. Payne.....	Moville
Fred H. Ray.....	Sioux City
Ralph Harvey Spencer.....	Moville
John Paul Stien.....	Alford
William Haymond Sutherland..	Heron Lake, Minn.
Charles Garnet Trimble.	Red Deer, Alberta, Canada
Edmund James Wintersteen.....	Hartford, S. D.
 Margherita Ankeny.....	Laurel, Neb.
Minnie Blunt	Hawarden
Laura Belle Cushman.....	Sioux City
Ida Marinda Day.....	Remsen
Fannie Laughran Everhart.....	Sioux City
Helena Felber.....	Laurel, Neb.
Beatrice L. Gary.....	West Side
Mabel Lite Gibson.....	Danbury
Clara Howarth.....	Sioux City
Blanche Elizabeth Jaynes.....	Dickens
Sarah Etta Lehman.....	Sioux City
Nina J. Mossman.....	Sioux City
Ethel Ruth Murray.....	Schaller
Eda Katherine Palmer.....	Sioux City
Grace L. Peck.....	Evarts, S. D.
Mayloe Grace Richards.....	Charter Oak
Edna Mae Romans.....	Dennison
Claire Emma Waugh.....	Arthur
Alyce Lilian Wintersteen.....	Hartford, S. D.

NORMAL.**Fourth Year.**

Florence Millicent Day.....	Remsen
Mina Lucile Faulk.....	Sioux City
Flora Leta Hall.....	Sioux City
Jessie Robinson.....	Newcastle, Neb.
Litta Tumbleson	Havelock

Third Year.

Lena Jones	Sanborn
Iren Kippel	Britt
Nellie Ethel McDougall.....	Sioux City

Second Year.

Clara Belle Chapman.....	Westfield
Grace Ethelyn Depue.....	Sioux City
Lillian Fegenbush	Whiting
Edna Gertrude Fish.....	Dickens
Hazel Mildred Gooch.....	Ute
Luella Cordelia Haakinson.....	Bronson
Eva I. Leazer.....	Rushmore, Minn.
Katie Belle Leazer.....	Rushmore, Minn.
Arthur Robert Moor.....	Sioux City
Fannie Elizabeth Wright.....	Knierim

First Year.

Edna Lehr Antrim.....	Dakota City, Neb.
Marie Anderson	Sioux City
Anna Barth	Sioux City
Maud Beaton	Castana
Laura K. Brown.....	Sioux City
Roselle Clemons	Ute
Nellie Agnes Conway.....	Danbury
Dora Copenhaver	Bronson
Maude Eva Copenhaver.....	Bronson

Rose May Dills.....	Moville
Anna Rita Roney.....	Danbury
Minnie Fegenbush	Whiting
Nellie Almeda Finch.....	Sheldon
Matilda Frauen.....	Norden, Neb.
Helena Ella Griggs.....	Spencer
Maude S. Haskell.....	Kingsley
Lora Lydia Hoy.....	Sioux City
Martha Johnson	Sioux City
Blanche Myrtle Joseph.....	Lawton
Maude Joseph	Lawton
Kathryn Marie Kohn.....	Cherokee
Ola F. Lamb.....	Sioux City
Martha Elizabeth Law.....	Lawton
Grace Etta Major.....	Webster City
Mary Alice Malada.....	Sioux City
Pearl Mason	Kingsley
Susa P. Mateer.....	Archer
Olive Evelyn Manger.....	Sioux City
Mabel Esther Moulin.....	Sioux City
Bridget Frances O'Farrell.....	Salix
Edith Maude Pearson.....	Sundance, Wyo.
Arrilla Myrtie Phillips.....	Anthon
Frances W. Scott.....	Sioux City
Maebell Snell	Sioux City
Sarah Violet Stessy.....	Westfield
Grayce Mildred Stivers.....	Washta
Lena Lois Tabor.....	Milford
Nora Tadlock	Sioux City

MUSIC STUDENTS.**Seniors.**

Ida Adella Bryon.....	Correctionville
Ada Gertrude Hart.....	Sioux City
Charles Oliver Hargrave.....	Dickens

Charles Edward Keller.....	Vienna, S. D.
Olivia Meyer	Sioux City
Grace Lucile Peck.....	Evarts, S. D.
Lillian Agnes Shumaker.....	Sioux City
Ella Adelheid Toenges.....	Sioux City
<hr/>	
Edna Antrim	Dakota City, Neb.
Marie Anderson	Sioux City
Margherita Ankeny.....	Laurel, Neb.
Ethel Delia Armstrong.....	Ponca, Neb.
Dora Armour.....	South Sioux City, Neb.
Vincent Beebe	Battle Creek
James Brandow	Algona
Emma Marie Barker.....	Forham, Minn.
Kate Brown	Sioux City
Estella Bender.....	Hermosa, S. D.
Minnie Allie Blunt.....	Hawarden
Elizabeth Isabella Boals....	South Sioux City, Neb.
Eva Boddy	Sioux City
Lexa Brosinska.....	LaSalle, Minn.
Ida Adella Bryan.....	Correctionville
Herbert J. Calkins.....	Sioux City
Albert Crabb	Marcus
Albert Cushman	Sioux City
Rozella Clemons	Ute
Nellie Conway	Danbury
Eva Copenhaver	Bronson
Maude Copenhaver	Bronson
Bessie Chamberlain	Clarendon, Tex.
Adel Irene Chapin.....	Sioux City
Elva Chrysler.....	Lake Park
Florence Clark	Sioux City
Eva May Cross.....	Brewster, Minn.
Myrtilla Mae Cook.....	Sioux City
Laura Cushman	Sioux City
Bertie Day	Remsen
Florence Booth Davidson.....	Sioux City

Rose Dills	Moville
Ida Marinda Day.....	Remsen
Maud M. DeHaven.....	Sioux City
Clara Dayhoff	Sioux City
Ada Vivian Dow.....	Garner
Myrtle Blanch Dunn.....	Armstrong
Jesse Ewer.....	Rock Rapids
George Eggleston	Sioux City
Mrs. F. C. Erskine.....	Sioux City
Virgil Faey.....	Rock Rapids
Fred Foote	Sioux City
Charles Fulkrod	Inwood
May Figum	Moville
Edna Fish	Dickens
Minnie Fegenbush	Whiting
Pearl Blanche Fowler.....	Blairsburg
Edna Lois Frear.....	Sloan
Finetta Alice Fry.....	Granville
Stella Mae Fry.....	Granville
Hazel Gooch	Ute
Helen Griggs	Spencer
Jean Garretson	Sioux City
Beatrice Lora Gary.....	West Side
Mabel Gibson	Danbury
Charles Oliver Hargrave.....	Dickens
Fred Howlett	Kanahwa
Maud Haskell	Kingsley
Harriet Hall	Sioux City
Dora Hoy	Sioux City
Fannie Hansen	Sioux City
Margaret Held	Hinton
William Jensen	Emerson, Neb.
Martha Johnson	Sioux City
Lena Jones	Sanborn
Blanch Joseph	Lawton
Maud Joseph	Lawton

Madge Ethel Jarnagin.....	Sioux City
Blanch Johnson	Sioux City
Charles Edward Keller.....	Vienna, S. D.
Frances Kass	Sioux City
Irene Klippel	Britt
Katherine Kohn	Cherokee
Winford Lee Lewis.....	Sioux City
Ila Lamb	Sioux City
Sarah Janette Lacy.....	Sioux City
Blanch Esther Lamoreux.....	Meriden
Minnie Della Lear.....	Coshocton, Ohio
Elizabeth Loveland	Sioux City
Susie Mateer	Archer
Ether McDougall.....	Sioux City
Lydia Morfitt	Sheldon
Pearl Susan Mason.....	Kingsley
Lura Matteson.....	Sioux Rapids
Olivia Meyer	Sioux City
Nina Mossman	Sioux City
Margie Elizabeth Newcom.....	Odebolt
Cora Newland	Sioux City
Eli F. Peckumn.....	Sioux City
Homer J. Pierce.....	Rock Rapids
Arrilla Phillips	Sioux City
Eda Katherine Palmer.....	Sioux City
Ruby Pardoe	Sioux City
Grace Lucile Peck.....	Evarts, S. D.
Helen Petersmeyer	Sioux City
Hazel Platts	Sioux City
Grace Maylou Richards.....	Charter Oak
Vera Fern Ritz.....	Sioux City
Edna Mae Romans.....	Dennison
Herbert H. Sawyer.....	Ravenswood, Mo.
Walter Sloan	Sioux City
Norman J. Smith.....	Marcus
Frances Scott	Sioux City

Grace Stevens	Washta
Lillian Search	Sioux City
Gladys Search	Sioux City
Lillian Agnes Shumaker.....	Sioux City
Fae Simon	Sioux City
DeNora Skinner.....	Sioux Rapids
Nina C. Smith.....	Sioux Rapids
Eleanor A. Smith.....	Sioux Center
Hazel Straub	Sioux City
Nellie Teresa Swartz.....	Sioux City
Effie Belle Tennis.....	Sioux City
Gertrude Vera Thompson.....	Rock Rapids
Ella Adelheid Toenjes.....	Sioux City
Clara Charlotta Toenjes.....	Sioux City
Nellie A. Travaille.....	Sioux Center
Grace Marion True.....	Sioux City
Minnie Underwood	Ruthven
William Vroom	Pella
Sadie Vanderschaaf.....	Sioux Center
Mabel Walker.....	Beresford, S. D.
Madge M. Wertz.....	Elk Point, S. D.
Inez Whinery.....	Ida Grove
Mabel Williams.....	Salem, S. D.
Mary Williams.....	Pender, Neb.
Helen Olivia Wilson.....	Kingsley
Alyce Wintersteen.....	Hartford, S. D.
Mae Edith Wood.....	Merrill
Irene May Wright.....	Kingsley
Mrs. William Warfield.....	Sioux City
Lizzie Wright	Knierim

SUMMARY.**College.**

	Men	Women	Total
Graduates	3	1	4
Seniors	15	12	27
Juniors	10	10	20
Sophomores	23	12	35
Freshmen	24	25	49
College Specials	3	3	6
	—	—	—
	78	63	141

Academy.

Senior Year	28	13	41
Middle Year	28	8	36
Junior Year	34	16	50
Sub-preparatory	22	12	34
Academy Specials	20	19	39
	—	—	—
	132	68	200
Music	21	113	134
Normal	1	55	56
Summer Session	22	133	155
	—	—	—
Total	254	432	686
Net Total	223	357	580
(Net total exclusive of Summer Session....			458)

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